Final
2008 Integrated Report to Congress on the Condition of Water Resources in Kentucky

Volume II. 303(d) List of Surface Waters

Kentucky Environmental and
Public Protection Cabinet
Division of Water
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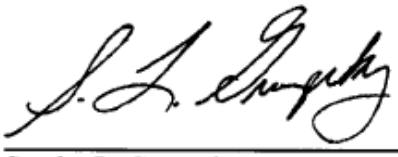

Sandra L. Gruzesky, P.E.,
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Date

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Summary of the 2008 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 Division of Water (DOW) of the Kentucky Department for Environmental Protection is responsible for Section 305(b) and Section 303(d) reporting requirements for surface waters.

The 2008 Integrated Report (IR) replaces the 2006 IR previously prepared by DOW. 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 impaired waters. 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 delisitngs for 2008. 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 2008 303(d) list contains new listings of impaired waters from assessments made in 2005 through 2007. The number of impaired waters reported in this volume has increased notably over the number reported in the 2006 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 2006 303(d) list are indicated in this report.

There are over 500 waterbody/pollutant 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 Ohio River Valley Water Sanitation Commission (ORSANCO), universities, consultants, and municipalities.

To date, DOW has submitted and EPA has approved TMDLs for 128 waterbody/ pollutant combinations. EPA has also approved delisting requests for 263 waterbody/ pollutant combinations. Delisting approval is granted when DOW has demonstrated that a listed waterbody/ pollutant 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 5. Status of TMDLs Under Development Prior to 2008

5.1 Kentucky Basin Unit

5.1.1 Kentucky River Basin

5.1.1.1 Benson Creek Watershed

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

The Kentucky Division of Water (KDOW) completed nutrient, organic enrichment and total suspended solids (TSS) data collection on these streams during 2004. The University of Louisville Stream Institute is collecting additional sediment data and conducting a geomorphic assessment in Goose Creek. KDOW may also collect additional sediment data in Benson Creek, if needed. 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.

5.1.1.2 Boone Creek Watershed

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

KDOW completed sample collection during 2004. KDOW will pursue development of the nutrient TMDL when nutrient targets are available.

5.1.1.3 Cane Run into North Elkhorn Creek

Stream Name	County	River Miles	Pollutant
Cane Run into North Elkhorn Creek	Scott	3.0 to 9.6	Fecal Coliform
Cane Run into North Elkhorn Cr.	Fayette	9.6 to 17.4	Fecal Coliform
Cane Run into North Elkhorn Creek	Scott	0.0 to 3.0	Sedimentation/Siltation
Cane Run into North Elkhorn Creek	Scott	3.0 to 9.6	Sedimentation/Siltation
Cane Run into North Elkhorn Creek	Scott	3.0 to 9.6	Nutrient/Eutrophication Biological Indicators
Cane Run into North Elkhorn Creek	Fayette	9.6 to 17.4	Organic Enrichment (Sewage) Biological Indicators
Cane Run into North Elkhorn Creek	Fayette	9.6 to 17.4	Nutrient/Eutrophication Biological Indicators

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. KDOW completed nutrient and organic enrichment data collection during 2007 and KWRRI has been awarded a 319(h) project grant to develop these TMDLs. KDOW has collected TSS data and will collect additional sediment data during 2009. Once sediment data collection is complete, KDOW will develop the sediment TMDLs.

5.1.1.4 Dix River Watershed

Stream Name	County	River Miles	Pollutant
Clarks Run into Dix River	Boyle	0.7 to 4.0	Nutrient/Eutrophication Biological Indicators
Clarks Run into Dix River	Boyle	4.0 to 6.3	Nutrient/Eutrophication Biological Indicators
Herrington Lake	Garrard	2940 acres	Oxygen, Dissolved
Herrington Lake	Garrard	2940 acres	Nutrient/Eutrophication Biological Indicators
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	6.3 to 14.3	Escherichia coli
Balls Branch into Clarks Run	Boyle	0.0 to 4.9	Escherichia coli
Copper Creek into Dix River	Lincoln	0.0 to 2.2	Escherichia coli
Dix River into Kentucky River	Rockcastle	73.35 to 78.7	Escherichia coli
Dix River into Kentucky River	Lincoln	64.3 to 73.35	Escherichia coli
Dix River into Kentucky River	Lincoln	36.1 to 43.8	Escherichia coli
Dix River into Kentucky River	Garrard	33.3 to 36.1	Escherichia coli
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	27.6 to 32.2	Escherichia coli
Hanging Fork into Dix River	Lincoln	24.15 to 27.6	Escherichia coli
Hanging Fork into Dix River	Lincoln	15.85 to 24.15	Escherichia coli
Hanging Fork into Dix River	Lincoln	0.0 to 15.85	Escherichia coli, Fecal Coliform
Harris Creek into Knob Lick Cr.	Lincoln	0.0 to 6.25	Escherichia coli
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 Knob Lick Cr.	Lincoln	0.0 to 3.4	Escherichia coli

Third Rock has collected data for these segments and is developing the nutrient TMDL for Clarks Run. KDOW is in the process of developing the Escherichia coli TMDLs. EPA Region IV is developing a nutrient model for the lake and KDOW will produce the TMDL document. Draft TMDLs are anticipated for 2008.

5.1.1.5 Eagle Creek Watershed

Stream Name	County	River Miles	Pollutant
Eagle Creek	Owen	15.3 to 28.5	Fecal Coliform
Eagle Creek into Kentucky River	Grant	31.6 to 36.5	Nutrient/Eutrophication Biological Indicators
Eagle Creek into Kentucky River	Grant	31.6 to 36.5	Sedimentation/Siltation
Eagle Creek into Kentucky River	Owen	50.8 to 58.5	Nutrient/Eutrophication Biological Indicators
Eagle Creek into Kentucky River	Owen	50.8 to 58.5	Sedimentation/Siltation
Stevens Creek into Eagle Creek	Owen	14.4 to 17.1	Nutrient/Eutrophication Biological Indicators
Stevens Creek into Eagle Creek	Owen	14.4 to 17.1	Sedimentation/Siltation

An EPA Region 4 104(b)3 grant was awarded for TMDL development for Fecal Coliform in this watershed. The TMDL is being developed by the KWRRI. KDOW completed nutrient and TSS data collection during 2007. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs. KDOW will pursue development of nutrient TMDLs when nutrient targets are available.

5.1.1.6 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
East Hickman Cr. into Hickman Cr.	Fayette	12.6 to 14.0	Fecal Coliform
Hickman Creek into KY River	Jessamine	0.0 to 6.0	Nutrient/Eutrophication Biological Indicators
Hickman Creek into KY River	Jessamine	6.0 to 25.5	Nutrient/Eutrophication Biological Indicators
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
West Hickman Cr. into Hickman Cr.	Jessamine	0.0 to 3.0	Fecal Coliform
West Hickman Cr. into Hickman Cr.	Jessamine	3.0 to 8.6	Organic Enrichment (Sewage) Biological Indicators

Stream Name	County	River Miles	Pollutant
West Hickman Cr. into Hickman Cr.	Jessamine	3.0 to 8.6	Nutrient/Eutrophication Biological Indicators
West Hickman Cr. into Hickman Cr.	Jessamine	3.0 to 8.6	Sedimentation/Siltation

KDOW completed nutrient, organic enrichment and TSS data collection on these streams during 2004. KDOW may collect additional sediment data, if needed. 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.

5.1.1.7 Lower Howard

Stream Name	County	River Miles	Pollutant
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 sample collection during 2004. KDOW will pursue development of these nutrient and organic enrichment TMDLs when nutrient targets are available.

5.1.1.8 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 nutrient and TSS data collection on these streams during 2004. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs. KDOW will pursue development of the nutrient TMDL when nutrient targets are available.

5.1.1.9 North Elkhorn Creek

Stream Name	County	River Miles	Pollutant
North Elkhorn Cr into Elkhorn Creek	Fayette	66.0 to 73.75	Fecal Coliform

KDOW collected Escherichia coli data during the primary contact recreation season of 2005. Due to the drought, additional data was collected during 2006. KDOW is developing the TMDL and a draft is anticipated for 2008.

5.1.1.10 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 sample collection during 2004.

5.1.1.11 South Elkhorn Creek/Town Branch/Wolf Run

Stream Name	County	River Miles	Pollutant
South Elkhorn Cr. into Elkhorn Cr.	Fayette	16.6 to 34.5	Fecal Coliform
Town Br. into South Elkhorn Cr.	Fayette	0.0 to 9.2	Fecal Coliform
Wolf Run into Town Br.	Fayette	0.0 to 4.1	Fecal Coliform
South Elkhorn Cr. into Elkhorn Cr.	Fayette	16.6 to 34.5	Nutrient/Eutrophication Biological Indicators
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
Wolf Run into Town Br.	Fayette	0.0 to 4.1	Nutrient/Eutrophication Biological Indicators
Town Br. into South Elkhorn Cr.	Fayette	9.2 to 10.6	Organic Enrichment (Sewage) Biological Indicators
Town Br. into South Elkhorn Cr.	Fayette	9.2 to 10.6	Nutrient/Eutrophication Biological Indicators
Town Br. into South Elkhorn Cr.	Fayette	9.2 to 10.6	Fecal Coliform

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.

5.1.1.12 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

Nutrient and TSS data collection was completed during 2004. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs. If the unknown impairment is due to nutrients, KDOW will pursue development of a TMDL when nutrient targets are available.

5.1.1.13 Tate Creek

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

KDOW completed sample collection during 2004. KDOW will pursue development of nutrient and organic enrichment TMDLs when nutrient targets are available.

5.2 Salt-Licking Basin Unit

5.2.1 Licking River Basin

5.2.1.1 Banklick Creek

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

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

Sanitation District 1has collected data for these stream segments. KDOW may collect additional sediment data, if needed. 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.

5.2.1.2 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 data collection on these streams during 2005. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs.

5.2.1.3 Fleming Creek Watershed

Stream Name	County	River Miles	Pollutant
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	Nutrient/Eutrophication 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

Stream Name	County	River Miles	Pollutant
Fleming Cr. into Licking River	Fleming	0.0 to 12.8	Phosphorus (Total)
Fleming Cr. into Licking River	Fleming	0.0 to 12.8	Nutrient/Eutrophication Biological Indicators
Fleming Cr. into Licking River	Fleming	12.8 to 16.0	Nutrient/Eutrophication Biological Indicators
Fleming Cr. into Licking River	Fleming	20.8 to 39.4	Nutrient/Eutrophication Biological Indicators
Fleming Cr. into Licking River	Fleming	20.8 to 39.4	Phosphorus (Total)
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	Nutrient/Eutrophication Biological Indicators
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.

5.2.1.4 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 nutrient and TSS data collection on these streams during 2006. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs. KDOW will pursue development of the nutrient TMDL when nutrient targets are available.

5.2.1.5 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 data collection for these segments during 2006. KDOW will pursue development the nutrient TMDL when nutrient targets are available.

5.2.1.6 Little Stoner Creek

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

KDOW began sample collection on this stream during the primary contact recreation season for 2005. Due to the drought conditions, additional sampling was performed during 2006.

5.2.1.7 Strodes Creek

Stream Name	County	River Miles	Pollutant
Strodes Creek into Stoner Creek	Bourbon	2.7 to 19.3	Nutrient/Eutrophication Biological Indicators
Strodes Creek into Stoner Creek	Bourbon	2.7 to 19.3	Organic Enrichment (Sewage) Biological Indicators
Strodes Creek into Stoner Creek	Bourbon	2.7 to 19.3	Fecal Coliform
Strodes Creek into Stoner Creek	Bourbon	2.7 to 19.3	Sedimentation/Siltation

KDOW completed nutrient, pathogen and TSS data collection on these streams in 2005. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available.

5.2.1.8 Threemile Creek

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

KDOW completed data collection for this stream during 2005. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs.

5.2.1.9 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.

5.2.2 Ohio River Basin

5.2.2.1 Gunpowder Creek Watershed

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

KDOW monitored these segments during 2007. KDOW may collect additional sediment data, if needed. 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.

5.2.2.2 Locust Creek

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

KDOW collected pathogen data during the 2006 primary contact recreation season.

5.2.2.3 Snag Creek

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

KDOW collected pathogen data during the 2006 primary contact recreation season.

5.2.2.4 Woolper Creek Watershed

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

KDOW completed nutrient, organic enrichment and TSS data collection on these streams during 2006. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available.

5.2.3 Salt River Basin

5.2.3.1 Beargrass Creek Watershed

Stream Name	County	River Miles	Pollutant
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	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	Jefferson	0.0 to 2.7	Fecal Coliform
South Fork Beargrass Creek	Jefferson	0.0 to 2.7	Organic Enrichment (Sewage) Biological Indicators
South Fork Beargrass Creek	Jefferson	2.7 to 13.6	Fecal Coliform
South Fork Beargrass Creek	Jefferson	2.7 to 13.6	Organic Enrichment (Sewage) Biological Indicators

The Metropolitan Sewer District (MSD) along with the KWRRI are developing these TMDLs. Because of a lack of data quality for dissolved oxygen, the organic enrichment TMDL could not be finalized at this time. A draft pathogen TMDL is anticipated for 2008.

5.2.3.2 Brooks Run Watershed

Stream Name	County	River Miles	Pollutant
Brooks Run	Bullitt	0.0 to 2.5	Organic Enrichment (Sewage) Biological Indicators
Brooks Run	Bullitt	0.0 to 2.5	Nutrient/Eutrophication Biological Indicators
Brooks Run	Bullitt	2.5 to 4.1	Organic Enrichment (Sewage) Biological Indicators
Brooks Run	Bullitt	2.5 to 4.1	Nutrient/Eutrophication Biological Indicators
Brooks Run	Bullitt	2.5 to 4.1	Fecal Coliform

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

KDOW has completed data collection for these streams.

5.2.3.3 Hardins Creek

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

KDOW completed nutrient and TSS data collection on these streams during 2005. KDOW may collect additional sediment data, if needed. 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.

5.2.3.4 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	Organic Enrichment (Sewage) Biological Indicators

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

KDOW completed sample collection during 2005. KDOW will pursue development of these TMDLs when nutrient targets are available.

5.3 Tennessee-Mississippi-Cumberland Basin Unit

5.3.1 Lower Cumberland River Basin

5.3.1.1 Little River Watershed

Stream Name	County	River Miles	Pollutant
Little River into Cumberland River	Trigg	20.6 to 30.0	Nutrient/Eutrophication Biological Indicators
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	Fecal Coliform
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	Fecal Coliform
Little River into Cumberland River	Trigg	31.4 to 45.5	Organic Enrichment (Sewage) Biological Indicators
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

Stream Name	County	River Miles	Pollutant
Little River into Cumberland River	Christian	45.5 to 57.7	Fecal Coliform
N. Fork Little River into Little River	Christian	0.0 to 0.3	Fecal Coliform
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	0.3 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	Fecal Coliform
N. Fork Little River into Little River	Christian	10.9 to 16.1	Fecal Coliform
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	Fecal Coliform
S. Fork Little River into Little River	Christian	0.0 to 10.3	Fecal Coliform
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	10.3 to 20.3	Fecal Coliform
S. Fork Little River into Little River	Christian	10.3 to 20.3	Nutrient/Eutrophication 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	7.0 to 10.9	Sedimentation/Siltation
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
N. Fork Little River into Little River	Christian	7.0 to 10.9	Cause Unknown
S. Fork Little River into Little River	Christian	10.3 to 20.3	Other

Stream Name	County	River Miles	Pollutant
Sinking Fork into Little River	Trigg	2.2 to 5.6	Cause Unknown
Skinner Creek into Casey Creek	Trigg	0.0 to 5.8	Cause Unknown

KDOW received 319(h) funding for sample collection and TMDL development in the Little River Watershed above Lake Barkley. Data collection was completed in 2002. The nutrient, organic enrichment and pathogen TMDLs are currently under development by EPA Region 4. A draft fecal coliform TMDL is anticipated for 2008. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs.

5.3.1.2 Lower Cumberland Fecal Coliform TMDLs

Stream Name	County	River Miles	Pollutant
Claylick Creek into Cumberland River	Livingston	1.9 to 4.8	Fecal Coliform
Dry Creek	Caldwell	0.0 to 3.6	Fecal Coliform
Eddy Creek into Cumberland River	Lyon	8.4 to 10.5	Fecal Coliform
Eddy Creek into Cumberland River	Lyon	13.0 to 15.7	Fecal Coliform
Ferguson Creek into Cumberland River	Livingston	0.0 to 1.2	Fecal Coliform
Hickory Creek into Cumberland River	Livingston	0.0 to 3.9	Fecal Coliform
Livingston Creek into Cumberland River	Lyon	4.6 to 7.0	Fecal Coliform
Richland Creek into Cumberland River	Livingston	0.7 to 5.4	Fecal Coliform
Sandy Creek into Cumberland River	Livingston	0.0 to 2.3	Fecal Coliform
Skinframe Creek into Livingston Creek	Lyon	0.0 to 4.8	Fecal Coliform
Sugar Creek into Cumberland River	Livingston	2.2 to 6.9	Fecal Coliform

KDOW has developed draft fecal coliform TMDLs for these segments. Public Notice is anticipated for 2008.

5.3.1.3 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 nutrient, organic enrichment and TSS data collection on these streams during 2007. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available.

5.3.2 Mississippi River Basin

No TMDLs currently under development.

5.3.3 Ohio River Basin

5.3.3.1 Bayou Creek Watershed

Stream Name	County	River Miles	Pollutant
Bayou Creek into Ohio River	McCracken	0.5 to 11.9	Copper
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	Mercury
Bayou Creek into Ohio River	McCracken	0.5 to 11.9	Lead
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	Beta particles and photon emitters
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 will be collected. Initial data for the Beta particles listing indicates that the streams are now meeting water quality standards for this pollutant. If no contrary data is produced, a delisting will be pursued for the beta particles. Draft TMDLs are anticipated for 2008.

5.3.4 Tennessee River Basin

5.3.4.1 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 into W. Fk. Clarks R.	McCracken	0.0 to 3.7	Fecal Coliform

Stream Name	County	River Miles	Pollutant
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	Graves	13.1 to 17.2	Fecal Coliform
West Fork Clarks River	McCracken	0.0 to 10.4	Escherichia coli
West Fork Clarks River	Calloway	20.1 to 28.4	Fecal Coliform

KDOW contracted Murray State University to conduct sampling and develop TMDLs for these segments. Sampling began in 2005 and draft TMDLs are anticipated for 2009.

5.3.5 Upper Cumberland River Basin

5.3.5.1 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

Stream Name	County	River Miles	Pollutant
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	8.4 to 12.7	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	Total Phosphorus
Little Laurel River into Laurel River	Laurel	12.4 to 14.6	Fecal Coliform
Little Laurel River into Laurel River	Laurel	12.4 to 14.6	Nutrient/Eutrophication Biological Indicators
Little Laurel River into Laurel River	Laurel	12.4 to 14.6	Organic Enrichment (Sewage) Biological Indicators
Little Laurel River into Laurel River	Laurel	14.6 to 22.8	Fecal Coliform
UT to Little Laurel River	Laurel	0.0 to 1.4	Sedimentation/Siltation
Whitley Branch into Little Laurel River	Laurel	1.1 to 2.5	Fecal Coliform

KDOW has collected nutrient, organic enrichment and TSS data on these streams. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available.

5.3.5.2 Rockcastle River Watershed

Stream Name	County	River Miles	Pollutant
Raccoon Creek	Laurel	0.0 to 2.7	Nutrient/Eutrophication Biological Indicators
Renfro Creek	Rockcastle	0.0 to 3.0	Organic Enrichment (Sewage) Biological Indicators
Renfro Creek	Rockcastle	0.0 to 3.0	Nutrient/Eutrophication Biological Indicators
Roundstone Creek	Rockcastle	17.1 to 23.9	Nutrient/Eutrophication Biological Indicators
Skegg Creek	Rockcastle	0.0 to 3.3	Nutrient/Eutrophication Biological Indicators
S. Fork Rockcastle R.	Laurel	21.2 to 29.1	Nutrient/Eutrophication Biological Indicators

KDOW completed nutrient and organic enrichment data collection on these streams during 2007. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available.

5.4 Green-Tradewater Basin Unit

5.4.1 Green River Basin

5.4.1.1 Bacon Creek

Stream Name	County	River Miles	Pollutant
Bacon Creek into Nolin River	Hart	27.1 to 32.6	Fecal Coliform
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

Western Kentucky University and KDOW completed pathogen data collection for this stream during 2007. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDL.

5.4.1.2 Cypress Creek

Stream Name	County	River Miles	Pollutant
Cypress Creek	Muhlenberg	23.1 to 26.5	pH
Cypress Creek	Muhlenberg	26.5 to 33.3	pH

The KWRRI has submitted a draft pH TMDL to KDOW. The TMDL is being revised Prior to public notice.

5.4.1.3 Deer Creek Watershed

Stream Name	County	River Miles	Pollutant
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
Havana Creek into Deer Creek	Webster	0.0 to 1.9	Solids (Suspended/Bedload)
Knoblick Creek into Deer Creek	Webster	0.0 to 9.1	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	Total Dissolved Solids

KDOW completed nutrient, total dissolved solids and TSS data collection on these streams during 2007. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs. KDOW will pursue development of the nutrient TMDL when nutrient targets are available.

5.4.1.4 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 to KDOW. The TMDL is being revised prior to public notice.

5.4.1.5 Green River Pathogen TMDLs Part II

Stream Name	County	River Miles	Pollutant
Big Brush Creek of Green River	Green	0.0 to5.0	Fecal Coliform
Big Brush Creek of Green River	Green	7.1 to 13.0	Fecal Coliform
Big Pitman Creek of Green River	Green	13.9 to17.8	Fecal Coliform
Big Pitman Creek of Green River	Taylor	17.8 to 23.65	Fecal Coliform
Brush Creek of Big Brush Creek	Green	0.0 to 2.15	Fecal Coliform
East Fork Little Barren River of Little Barren River	Metcalfe	0.0 to15.9	Fecal Coliform
East Fork Little Barren River of Little Barren River	Metcalfe	20.7 to 30.0	Fecal Coliform
Little Barren River of Green River	Metcalfe	9.8 to 15.7	Fecal Coliform
Little Brush Cr. of Big Brush Cr.	Green	3.2 to 13.2	Fecal Coliform
Little Pitman Cr. of Big Pitman Cr.	Taylor	0.0 to 10.1	Fecal Coliform
Little Pitman Cr. of Big Pitman Cr.	Taylor	10.1 to 11.2	Fecal Coliform
Little Russell Creek of Green River	Green	0.0 to 5.1	Fecal Coliform
Lynn Camp Creek of Green River	Hart	0.0 to 8.3	Fecal Coliform
Middle Pitman Cr. of Big Pitman Cr.	Taylor	0.0 to 7.7	Fecal Coliform
Middle Pitman Cr. of Big Pitman Cr.	Taylor	8.2 to 10.1	Fecal Coliform
Russell Creek of Green River	Adair	23.8 to 40.0	Fecal Coliform
Russell Creek of Green River	Adair	60.4 to 66.3	Fecal Coliform
S. Fk. Little Barren River of Little Barren	Metcalfe	0.0 to 23.1	Fecal Coliform
S. Fk. Little Barren River of Little Barren	Metcalfe	23.1 to 30.1	Fecal Coliform
Sulphur Creek of Russell Creek	Adair	0.0 to 10.7	Fecal Coliform

KDOW has developed draft pathogen TMDLs for these segments. Public Notice is anticipated during 2008.

5.4.1.6 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	Sulfates
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	Total Dissolved Solids
Long Falls Cr into Green River	McLean	0.0 to 7.6	Sulfates
Long Falls Cr. into Green River	McLean	7.6 to 11.8	Fecal Coliform

Stream Name	County	River Miles	Pollutant
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	Total Dissolved Solids

KDOW has contracted Western Kentucky University to collect samples and develop these TMDLs. Draft TMDLs are anticipated for 2010.

5.4.1.7 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	Phosphorus (Total)
Cane Run into S. Fk. into Panther Cr.	Daviess	0.0 to 3.7	Nutrient/Eutrophication Biological Indicators
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
Ford Ditch into Rhodes Creek	Daviess	0.0 to 3.3	Sulfates
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	17.9 to 20.4	Phosphorus (Total)
Panther Creek into Green River	Daviess	3.0 to 5.9	Fecal Coliform
Rhodes Creek into Panther Cr.	Daviess	0.0 to 2.2	Phosphorus (Total)
Rhodes Creek into Panther Cr.	Daviess	2.2 to 7.5	Phosphorus (Total)
Rhodes Creek into Panther Cr.	Daviess	2.2 to 7.5	Nutrient/Eutrophication Biological Indicators
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	0.0 to 2.4	Copper
S. Fk. Panther Cr. into Panther Cr.	Daviess	0.0 to 2.4	Fecal Coliform
S. Fk. Panther Cr. into Panther Cr.	Daviess	14.0 to 18.3	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	9.55 to 14.0	Fecal Coliform

Stream Name	County	River Miles	Pollutant
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	Phosphorus (Total)
Wolf Br. Ditch into Rhodes Cr.	Daviess	0.0 to 4.1	Nutrient/Eutrophication Biological Indicators

KDOW has contracted Western Kentucky University to collect samples and develop these TMDLs. Draft TMDLs are anticipated for 2010.

5.4.1.8 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 nutrient and TSS data on these streams during 2007. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs. KDOW will pursue development of the nutrient TMDLs when nutrient targets are available.

5.4.2 Tradewater River Basin

5.4.2.1 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

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

KDOW completed data collection on these streams during 2007. Draft TMDLs are anticipated for 2009.

5.4.2.2 Clear Creek Watershed

Stream Name	County	River Miles	Pollutant
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	Nutrient/Eutrophication Biological Indicators
Clear Creek into Tradewater River	Hopkins	0.0 to 7.5	Cause Unknown
Clear Creek into Tradewater River	Hopkins	0.0 to 7.5	Oxygen, Dissolved
Clear Creek into Tradewater River	Hopkins	19.4 to 26.2	Sedimentation/Siltation
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	Nutrient/Eutrophication Biological Indicators
Clear Creek into Tradewater River	Hopkins	26.2 to 26.5	Fecal Coliform
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
Lambs Creek into Clear Creek	Hopkins	0.0 to 3.3	Nutrient/Eutrophication Biological Indicators

Stream Name	County	River Miles	Pollutant
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	Sedimentation/Siltation
Weirs Creek into Clear Creek	Hopkins	0.0 to 4.9	Turbidity
Weirs Creek into Clear Creek	Hopkins	0.0 to 4.9	Nutrient/Eutrophication Biological Indicators

KDOW began TMDL monitoring on these streams during 2007. Monitoring is expected to be completed during 2008. KDOW may collect additional sediment data, if needed, at a future date.

5.4.2.3 Copper Creek

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

KDOW completed data collection on these streams during 2007. Draft TMDLs are anticipated for 2009.

5.4.2.4 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	Total Dissolved Solids
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	Zinc

Stream Name	County	River Miles	Pollutant
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
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 data collection on these streams during 2007. Draft TMDLs are anticipated for 2009.

5.5 Big Sandy-Little Sandy-Tygarts Basin Unit

5.5.1 Big Sandy River Basin

5.5.1.1 Elkhorn Creek Watershed

Stream Name	County	River Miles	Pollutant
Elkhorn Creek into Russell Fork	Pike	0.0 to 10.6	Sedimentation/Siltation
Elkhorn Creek into Russell Fork	Pike	0.0 to 10.6	Total Dissolved Solids
Elkhorn Creek into Russell Fork	Pike	0.0 to 10.6	Fecal Coliform
Upper Pidgeon Branch into Elkhorn Creek	Pike	0.0 to 2.1	Sedimentation/Siltation
Upper Pidgeon Branch into Elkhorn Creek	Pike	0.0 to 2.1	Total Dissolved Solids

Monitoring began during 2007 under a 319(h) project grant. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs.

5.5.1.2 Right Fork Beaver Creek Watershed

Stream Name	County	River Miles	Pollutant
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	Sulfates
Arnold Fk into R. Fk. Beaver Cr.	Knott	0.0 to 2.6	Total Dissolved Solids

Stream Name	County	River Miles	Pollutant
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	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	Sulfates
Dry Cr. into R. Fk. Beaver Cr.	Knott	0.0 to 4.0	Total Dissolved Solids
Goose Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.2	Cause Unknown
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	Sulfates
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	Sulfates
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.4	Sedimentation/Siltation
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.4	Sulfates
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.4	Total Dissolved Solids
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	Nutrient/Eutrophication Biological Indicators
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	Fecal Coliform
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	Nutrient/Eutrophication 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	Sulfates
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	Total Dissolved Solids
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	Nutrient/Eutrophication Biological Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Knott	30.3 to 33.4	Sedimentation/Siltation

Stream Name	County	River Miles	Pollutant
Right Fk. Beaver Cr. into Beaver Cr.	Knott	30.3 to 33.4	Total Dissolved Solids
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	Sulfates
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	Sulfates
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	Cause Unknown
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	Sulfates
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	Nutrient/Eutrophication 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	Sulfates
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	Organic Enrichment (Sewage) Biological Indicators
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	Sedimentation/Siltation
Stephens Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.6	Sulfates
Stephens Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.6	Ammonia (un-ionized)
Turkey Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 5.9	Cause Unknown
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	Sulfates

Stream Name	County	River Miles	Pollutant
Wilson Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.9	Organic Enrichment (Sewage) Biological Indicators
Wilson Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.9	Nutrient/Eutrophication 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	Sulfates

KDOW contracted Eastern Kentucky University to perform monitoring for these segments and monitoring began during 2007. KDOW may collect additional sediment data, if needed. Once data collection is complete, KDOW will develop the sediment TMDLs. KDOW will pursue development of the nutrient and organic enrichment TMDLs when nutrient targets are available.

5.5.2 Little Sandy River Basin

No TMDLs currently under development.

5.5.3 Tygarts Creek Basin

No TMDLs currently under development.

5.6 Ohio River Mainstem

The Ohio River Valley Water Sanitation Commission is collecting data for PCBs, Dioxin, and Pathogen TMDL development for the mainstem of the Ohio River. 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. A draft pathogen TMDL is anticipated for 2009.

Chapter 6. Segments Planned for Monitoring During 2008

6.1 Kentucky Basin Unit

6.1.1 Kentucky River Basin

6.1.1.1 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 2009.

6.1.1.2 Carr Creek Watershed

Stream Name	County	River Miles	Pollutant
Trace Fork into Carr Creek Lake	Knott	0.15 to 2.4	Fecal Coliform
Defeated Creek into Carr Creek Lake	Knott	0.4 to 1.6	Fecal Coliform
Carr Creek Reservoir	Knott	710 Acres	Oxygen, Dissolved
Carr Creek Reservoir	Knott	710 Acres	Sedimentation/Siltation
Carr Creek Reservoir	Knott	710 Acres	Total Suspended Solids
Carr Creek Reservoir	Knott	710 Acres	Nutrient/Eutrophication Biological Indicators
Carr Creek Reservoir	Knott	710 Acres	Organic Enrichment (Sewage) Biological Indicators

KDOW and The U.S. Corps of Engineers began sampling on these during 2007. Sampling is expected to be completed during 2008.

6.1.1.3 Sugar Creek

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

KDOW began sampling on this segment during 2007. Sampling is expected to be completed during 2008.

6.1.1.4 White Oak Creek

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

KDOW began sampling on this segment during 2007. Sampling is expected to be completed during 2008.

6.2 Salt-Licking Basin Unit

6.2.1 Licking River Basin

6.2.1.1 Hinkston Creek Watershed

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

KDOW began monitoring for these segments during 2008. Sampling is expected to be completed by early 2009.

6.2.1.2 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	Sedimentation/Siltation
Flat Run into Stoner Creek	Bourbon	0.0 to 2.2	Nutrient/Eutrophication Biological Indicators

KDOW began monitoring for these segments during 2008. Sampling is expected to be completed by early 2009.

6.2.2 Ohio River Basin

6.2.2.1 Goose Creek Watershed

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

KDOW began sampling on these segments during 2007. Sampling is expected to be completed during 2008.

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

KDOW began sampling on this segment during 2007. Sampling is expected to be completed during 2008.

6.2.3 Salt River Basin

6.2.3.1 Clear Creek Watershed

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

KDOW began sampling on this segment during 2007. Sampling is expected to be completed during 2008.

6.2.3.2 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	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
Pennsylvania Run into Floyds Fork	Jefferson	0.0 to 3.3	Fecal Coliform

Stream Name	County	River Miles	Pollutant
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 is expected to be completed during 2009. In addition, EPA funded the USGS to collect nutrient and organic enrichment data to assist DOW in evaluating the current condition of the watershed.

6.3 Tennessee-Mississippi-Cumberland Basin Unit

6.3.1 Lower Cumberland River Basin

6.3.1.1 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 began monitoring for these segments during 2007. Sampling is expected to be completed by 2008.

6.3.2 Mississippi River Basin

No TMDL monitoring planned for 2008.

6.3.3 Ohio River Basin

No TMDL monitoring planned for 2008.

6.3.4 Tennessee River Basin

No TMDL monitoring planned for 2008.

6.3.5 Upper Cumberland River Basin

No TMDL monitoring planned for 2008.

6.4 Green-Tradewater Basin Unit

6.4.1 Green River Basin

6.4.1.1 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 began monitoring for these segments during 2007. Monitoring will include collecting information on sediment load and sources. Sampling is expected to be completed by 2009.

6.4.1.2 Craborchard Creek

Stream Name	County	River Miles	Pollutant
Craborchard Creek into Drakes Creek	Hopkins	0.0 to 4.6	Sedimentation/Siltation
Craborchard Creek into Drakes Creek	Hopkins	0.0 to 4.6	Sulfates
Craborchard Creek into Drakes Creek	Hopkins	0.0 to 4.6	Total Dissolved Solids
Craborchard Creek into Drakes Creek	Hopkins	0.0 to 4.6	Cause Unknown

KDOW began monitoring for these segments during 2007. Nutrient and Total Dissolved Solids Sampling is expected to be completed by 2009.

6.4.2 Tradewater River Basin

No TMDL monitoring planned for 2008.

6.5 Big Sandy-Little Sandy-Tygarts Basin Unit

6.5.1 Big Sandy River Basin

6.5.1.1 Beaver Creek Watershed

Stream Name	County	River Miles	Pollutant
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	Nutrient/Eutrophication Biological Indicators
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Phosphorus (Total)
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Sedimentation/Siltation
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Sulfates
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Total Dissolved Solids
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Fecal Coliform
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Sedimentation/Siltation
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	Nutrient/Eutrophication 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	Sulfates
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	Nutrient/Eutrophication 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	Sulfates
Caleb Fork into Left Fork Beaver Creek	Floyd	0.0 to 1.2	Total Dissolved Solids
Caleb Fork into Left Fork Beaver Creek	Floyd	0.0 to 1.2	Ammonia (un-ionized)
Clear Creek into Left Fork Beaver Creek	Floyd	0.0 to 4.9	Sedimentation/Siltation

Stream Name	County	River Miles	Pollutant
Clear Creek into Left Fork Beaver Creek	Floyd	0.0 to 4.9	Sulfates
Clear Creek into Left Fork Beaver Creek	Floyd	0.0 to 4.9	Total Dissolved Solids
Frasure Branch into Left Fork Beaver Creek	Floyd	0.0 to 5.2	Organic Enrichment (Sewage) Biological Indicators
Frasure Branch into Left Fork Beaver Creek	Floyd	0.0 to 5.2	Nutrient/Eutrophication Biological Indicators
Frasure Branch into Left Fork Beaver Creek	Floyd	0.0 to 5.2	Sedimentation/Siltation
Frasure Branch into Left Fork Beaver Creek	Floyd	0.0 to 5.2	Sulfates
Frasure Branch into Left Fork Beaver Creek	Floyd	0.0 to 5.2	Total Dissolved Solids
Jacks Creek into Left Fork Beaver Creek	Floyd	0.0 to 4.4	Cause Unknown
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	Sulfates
Left Fork Beaver Creek into Beaver Creek	Knott	0.0 to 11.4	Sedimentation/Siltation
Left Fork Beaver Creek into Beaver Creek	Knott	0.0 to 11.4	Sulfates
Left Fork Beaver Creek into Beaver Creek	Knott	0.0 to 11.4	Total Dissolved Solids
Left Fork Beaver Creek into Beaver Creek	Knott	13.6 to 18.7	Organic Enrichment (Sewage) Biological Indicators
Left Fork Beaver Creek into Beaver Creek	Knott	13.6 to 18.7	Nutrient/Eutrophication Biological Indicators
Left Fork Beaver Creek into Beaver Creek	Knott	13.6 to 18.7	Sedimentation/Siltation
Left Fork Beaver Creek into Beaver Creek	Knott	13.6 to 18.7	Total Dissolved Solids
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	Organic Enrichment (Sewage) Biological Indicators
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	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	Total Dissolved Solids
Otter Creek into Left Fork Beaver Creek	Floyd	0.0 to 0.5	Ammonia (un-ionized)
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	Nutrient/Eutrophication 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	Total Dissolved Solids
Sizemore Branch into Left Fork Beaver Creek	Floyd	0.0 to 2.0	Sulfates
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	pH
Spewing Camp Branch into Left Fork Beaver Creek	Floyd	0.0 to 3.1	Sulfates
Spewing Camp Branch into Left Fork Beaver Creek	Floyd	0.0 to 3.1	Total Suspended Solids
Spewing Camp Branch into Left Fork Beaver Creek	Floyd	0.0 to 3.1	Cause Unknown

KDOW awarded a contract to Eastern KY University for stream monitoring in these segments. Monitoring is anticipated to begin during Spring 2008 and to be completed during 2009.

6.5.2 Little Sandy River Basin

No TMDL monitoring planned for 2008.

6.5.3 Tygarts Creek Basin

No TMDL monitoring planned for 2008.

6.6 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 7. Segments Planned for Monitoring During 2009

7.1 Kentucky Basin Unit

7.1.1 Kentucky River Basin

No TMDL monitoring planned for 2009.

7.2 Salt-Licking Basin Unit

7.2.1 Licking River Basin

7.2.1.1 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

7.2.2 Salt River Basin

7.2.2.1 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

7.3 Tennessee-Mississippi-Cumberland Basin Unit

7.3.1 Lower Cumberland Basin

No TMDL monitoring planned for 2009.

7.3.2 Mississippi River Basin

No TMDL monitoring planned for 2009.

7.3.3 Tennessee River Basin

No TMDL monitoring planned for 2009.

7.3.4 Upper Cumberland Basin

7.3.4.1 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
White Oak Creek into Sinking Creek	Laurel	0.0 to 1.0	Turbidity

7.4 Green-Tradewater Basin Unit

7.4.1 Green River Basin

7.4.1.1 Cypress Creek Watershed

Stream Name	County	River Miles	Pollutant
Cypress Creek into Pond River	Muhlenberg	23.1 to 26.5	Fecal Coliform
Cypress Creek into Pond River	Muhlenberg	26.5 to 33.3	Total Dissolved Solids
UT to Cypress Creek into Cypress Creek	Muhlenberg	0.0 to 1.4	Sedimentation/ Siltation
Little Cypress Creek into Pond River	Muhlenberg	0.0 to 10.1	Sedimentation/ Siltation
Little Cypress Creek into Pond River	Muhlenberg	0.0 to 10.1	Sulfates
Little Cypress Creek into Pond River	Muhlenberg	0.0 to 10.1	Total Dissolved Solids
Sputzman Creek into Green River	Henderson	1.3 to 4.4	Nutrient/ Eutrophication Biological Indicators

7.4.2 Tradewater River Basin

No TMDL monitoring planned for 2009.

7.4.3 Ohio River Basin

7.3.3.1 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

7.5 Big Sandy-Little Sandy-Tygarts Basin Unit

7.5.1 Big Sandy River Basin

No TMDL monitoring planned for 2009.

7.5.2 Little Sandy River Basin

No TMDL monitoring planned for 2009.

7.5.3 Ohio River Basin

No TMDL monitoring planned for 2009.

7.5.4 Tygarts Creek Basin

No TMDL monitoring planned for 2009.

Chapter 8. TMDLs Planned for Public Notice During 2008

Stream Name	County	River Miles	Pollutant	Quarter
Little River into Cumberland River	Trigg	30.0 to 31.4	Fecal Coliform	1st Quarter
Little River into Cumberland River	Trigg	31.4 to 45.5	Fecal Coliform	1st Quarter
Little River into Cumberland River	Trigg	45.5 to 57.7	Fecal Coliform	1st Quarter
North Fork Little River into Little River	Christian	0.0 to 0.3	Fecal Coliform	1st Quarter
North Fork Little River into Little River	Christian	0.3 to 7.0	Fecal Coliform	1st Quarter
North Fork Little River into Little River	Christian	7.0 to 10.9	Fecal Coliform	1st Quarter
North Fork Little River into Little River	Christian	10.9 to 16.1	Fecal Coliform	1st Quarter
South Fork Little River into Little River	Christian	0.0 to 10.3	Fecal Coliform	1st Quarter
South Fork Little River into Little River	Christian	10.3 to 20.3	Fecal Coliform	1st Quarter
Big Brush Creek of Green River	Green	0.0 to 5.1	Fecal Coliform	2nd Quarter
Big Brush Creek of Green River	Green	7.1 to 13.0	Fecal Coliform	2nd Quarter
Big Pitman Creek of Green River	Green	13.9 to 17.8	Fecal Coliform	2nd Quarter
Big Pitman Creek of Green River	Taylor	17.8 to 27.5	Fecal Coliform	2nd Quarter
Brush Creek of Big Brush Creek	Green	0.0 to 2.15	Fecal Coliform	2nd Quarter
East Fork Little Barren River of Little Barren River	Metcalfe	0.0 to 15.9	Fecal Coliform	2nd Quarter
East Fork Little Barren River of Little Barren River	Metcalfe	20.7 to 30.0	Fecal Coliform	2nd Quarter
Little Barren River of Green River	Metcalfe	9.8 to 15.9	Fecal Coliform	2nd Quarter
Little Brush Cr. of Big Brush Cr.	Green	3.2 to 13.2	Fecal Coliform	2nd Quarter

Stream Name	County	River Miles	Pollutant	Quarter
Little Pitman Cr. of Big Pitman Cr.	Taylor	0.0 to 10.1	Fecal Coliform	2nd Quarter
Little Pitman Cr. of Big Pitman Cr.	Taylor	10.1 to 11.2	Fecal Coliform	2nd Quarter
Little Russell Creek of Green River	Green	0.0 to 5.1	Fecal Coliform	2nd Quarter
Lynn Camp Creek of Green River	Hart	0.0 to 8.3	Fecal Coliform	2nd Quarter
Middle Pitman Cr. of Big Pitman Cr.	Taylor	0.0 to 7.7	Fecal Coliform	2nd Quarter
Middle Pitman Cr. of Big Pitman Cr.	Taylor	8.2 to 10.1	Fecal Coliform	2nd Quarter
Russell Creek of Green River	Adair	23.8 to 40.0	Fecal Coliform	2nd Quarter
Russell Creek of Green River	Adair	60.4 to 66.3	Fecal Coliform	2nd Quarter
S. Fk. Little Barren River of Little Barren	Metcalfe	0.0 to 23.1	Fecal Coliform	2nd Quarter
S. Fk. Little Barren River of Little Barren	Metcalfe	23.1 to 30.1	Fecal Coliform	2nd Quarter
Sulphur Creek of Russell Creek	Adair	0.0 to 10.7	Fecal Coliform	2nd Quarter
North Elkhorn Cr into Elkhorn Creek	Fayette	66.0 to 73.75	Fecal Coliform	2nd Quarter
Claylick Creek into Cumberland River	Crittenden	1.9 to 4.8	Fecal Coliform	2nd Quarter
Eddy Creek into Cumberland River	Lyon	8.4 to 10.5	Fecal Coliform	2nd Quarter
Eddy Creek into Cumberland River	Caldwell	13.0 to 15.7	Fecal Coliform	2nd Quarter
Dry Creek into Eddy Creek	Caldwell	0.0 to 3.6	Fecal Coliform	2nd Quarter
Ferguson Creek into Cumberland River	Livingston	0.0 to 1.2	Fecal Coliform	2nd Quarter
Hickory Creek into Cumberland River	Livingston	0.0 to 3.9	Fecal Coliform	2nd Quarter
Livingston Creek into Cumberland River	Lyon	4.6 to 7.0	Fecal Coliform	2nd Quarter
Richland Creek into Cumberland River	Livingston	0.7 to 5.4	Fecal Coliform	2nd Quarter
Sandy Creek into Cumberland River	Livingston	0.0 to 2.3	Fecal Coliform	2nd Quarter

Stream Name	County	River Miles	Pollutant	Quarter
Skinframe Creek into Livingston Creek	Lyon	0.0 to 4.8	Fecal Coliform	2nd Quarter
Sugar Creek into Cumberland River	Livingston	2.2 to 6.9	Fecal Coliform	2nd Quarter
Clarks Run into Dix River	Boyle	0.7 to 4.0	Nutrient/ Eutrophication Biological Indicators	3rd Quarter
Clarks Run into Dix River	Boyle	4.0 to 6.3	Nutrient/ Eutrophication Biological Indicators	3rd Quarter
Herrington Lake	Garrard	2940 acres	Oxygen, Dissolved	3rd Quarter
Herrington Lake	Garrard	2940 acres	Nutrient/ Eutrophication Biological Indicators	3rd Quarter
Baughman Cr. into Hanging Fork Cr.	Lincoln	0.0 to 4.6	Escherichia coli	3rd Quarter
Blue Lick Cr. into Hanging Fork Cr.	Lincoln	0.0 to 4.1	Escherichia coli	3rd Quarter
Clarks Run into Dix River	Boyle	6.3 to 14.3	Escherichia coli	3rd Quarter
Balls Branch into Clarks Run	Boyle	0.0 to 4.9	Escherichia coli	3rd Quarter
Copper Creek into Dix River	Lincoln	0.0 to 2.2	Escherichia coli	3rd Quarter
Dix River into Kentucky River	Rockcastle	73.35 to 78.7	Escherichia coli	3rd Quarter
Dix River into Kentucky River	Lincoln	64.3 to 73.35	Escherichia coli	3rd Quarter
Dix River into Kentucky River	Lincoln	36.1 to 43.8	Escherichia coli	3rd Quarter
Dix River into Kentucky River	Garrard	33.3 to 36.1	Escherichia coli	3rd Quarter
Drakes Creek into Dix River	Lincoln	1.15 to 7.3	Escherichia coli	3rd Quarter
Frog Branch into Hanging Fork Cr.	Lincoln	0.0 to 3.4	Escherichia coli	3rd Quarter
Gilberts Creek into Dix River	Lincoln	0.0 to 1.25	Escherichia coli	3rd Quarter

Stream Name	County	River Miles	Pollutant	Quarter
Hanging Fork into Dix River	Lincoln	27.6 to 32.2	Escherichia coli	3rd Quarter
Hanging Fork into Dix River	Lincoln	24.15 to 27.6	Escherichia coli	3rd Quarter
Hanging Fork into Dix River	Lincoln	15.85 to 24.15	Escherichia coli	3rd Quarter
Hanging Fork into Dix River	Lincoln	0.0 to 15.85	Escherichia coli, Fecal Coliform	3rd Quarter
Harris Creek into Knob Lick Cr.	Lincoln	0.0 to 6.25	Escherichia coli	3rd Quarter
Knoblick Cr. into Hanging Fork Cr.	Lincoln	0.0 to 4.8	Escherichia coli	3rd Quarter
Logan Creek into Dix River	Lincoln	0.0 to 3.15	Escherichia coli	3rd Quarter
McKinney Br. into Hanging Fork Cr.	Lincoln	0.0 to 1.9	Escherichia coli	3rd Quarter
Peyton Creek into Hanging Fork Cr.	Lincoln	0.0 to 4.1	Escherichia coli	3rd Quarter
White Oak Creek into Dix River	Garrard	0.0 to 2.8	Escherichia coli	3rd Quarter
White Oak Cr. into Knob Lick Cr.	Lincoln	0.0 to 3.4	Escherichia coli	3rd Quarter
Middle Fk. Beargrass Cr. into Beargrass Cr.	Jefferson	0.0 to 2.0	Fecal Coliform	3rd Quarter
Middle Fk. Beargrass Cr. into Beargrass Cr.	Jefferson	2.0 to 2.9	Fecal Coliform	3rd Quarter
Middle Fk. Beargrass Cr. into Beargrass Cr.	Jefferson	2.9 to 5.8	Fecal Coliform	3rd Quarter
Middle Fk. Beargrass Cr. into Beargrass Cr.	Jefferson	5.8 to 15.3	Fecal Coliform	3rd Quarter
Muddy Fork into Beargrass Creek	Jefferson	0.0 to 6.9	Fecal Coliform	3rd Quarter
South Fork Beargrass Creek	Jefferson	0.0 to 2.7	Fecal Coliform	3rd Quarter
South Fork Beargrass Creek	Jefferson	2.7 to 13.6	Fecal Coliform	3rd Quarter
South Fork Beargrass Creek	Jefferson	2.7 to 13.6	Organic Enrichment (Sewage) Biological Indicators	3rd Quarter

Stream Name	County	River Miles	Pollutant	Quarter
Middle Fk. Beargrass Cr. into Beargrass Cr.	Jefferson	0.0 to 2.0	Organic Enrichment (Sewage) Biological Indicators	4th Quarter
South Fork Beargrass Creek	Jefferson	0.0 to 2.7	Organic Enrichment (Sewage) Biological Indicators	4th Quarter
Cypress Creek into Pond River	Muhlenberg	23.1 to 26.5	pH	4th Quarter
Cypress Creek into Pond River	Muhlenberg	26.5 to 33.3	pH	4th Quarter
Flat Cr into Pond River	Hopkins	0.0 to 10.9	pH	4th Quarter
Cane Run into N. Elkhorn Cr.	Scott	3.0 to 9.6	Fecal Coliform	4th Quarter
Cane Run into N. Elkhorn Cr.	Fayette	9.6 to 17.4	Fecal Coliform	4th Quarter

Chapter 9. TMDLs Planned for Public Notice During 2009

Stream Name	County	River Miles	Pollutant	Quarter
Houston Creek into Stoner Creek	Bourbon	0.0 to 9.0	Fecal Coliform	2nd Quarter
Little Stoner Creek into Stoner Creek	Clark	0.0 to 5.0	Fecal Coliform	2nd Quarter
Townsend Creek into South Fork Licking River	Bourbon	0.0 to 4.9	Fecal Coliform	2nd Quarter
Threemile Creek into Licking River	Campbell	0.1 to 4.7	Fecal Coliform	2nd Quarter
Locust Creek into Ohio River	Bracken	0.0 to 4.1	Fecal Coliform	2nd Quarter
Boone Creek into Kentucky River	Fayette	7.4 to 12.6	Fecal Coliform	2nd Quarter
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	Iron	4th Quarter
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	Total Dissolved Solids	4th Quarter
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	Zinc	4th Quarter
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	pH	4th Quarter
Hurricane Creek into Tradewater River	Hopkins	0.0 to 1.8	Specific Conductance	4th Quarter
East Fork Hurricane Creek into Hurricane Creek	Hopkins	0.0 to 2.2	Specific Conductance	4th Quarter
East Fork Hurricane Creek into Hurricane Creek	Hopkins	0.0 to 2.2	Total Dissolved Solids	4th Quarter
Caney Creek into Tradewater River	Hopkins	0.0 to 8.2	pH	4th Quarter
Caney Creek into Tradewater River	Hopkins	0.0 to 8.2	Specific Conductance	4th Quarter
Caney Creek into Tradewater River	Hopkins	0.0 to 8.2	Total Dissolved Solids	4th Quarter
Fox Run into Caney Creek	Hopkins	0.0 to 1.1	pH	4th Quarter
Fox Run into Caney Creek	Hopkins	0.0 to 1.1	Total Dissolved Solids	4th Quarter
Fox Run into Caney Creek	Hopkins	0.0 to 1.1	Specific Conductance	4th Quarter

Stream Name	County	River Miles	Pollutant	Quarter
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Specific Conductance	4th Quarter
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Total Dissolved Solids	4th Quarter
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	pH	4th Quarter
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Iron	4th Quarter
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Cadmium	4th Quarter
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Zinc	4th Quarter
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Nickel	4th Quarter
UT to Copperas Creek into Copperas Creek	Hopkins	0.0 to 0.90	pH	4th Quarter
UT to Copperas Creek into Copperas Creek	Hopkins	0.0 to 0.90	Iron	4th Quarter
UT to Copperas Creek into Copperas Creek	Hopkins	0.0 to 0.90	Cadmium	4th Quarter
UT to Copperas Creek into Copperas Creek	Hopkins	0.0 to 0.90	Zinc	4th Quarter
UT to Copperas Creek into Copperas Creek	Hopkins	0.0 to 0.90	Specific Conductance	4th Quarter
UT to Copperas Creek into Copperas Creek	Hopkins	0.0 to 0.90	Total Dissolved Solids	4th Quarter
Copper Creek into Richland Creek	Hopkins	0.0 to 2.7	pH	4th Quarter
Copper Creek into Richland Creek	Hopkins	0.0 to 2.7	Iron	4th Quarter
Copper Creek into Richland Creek	Hopkins	0.0 to 2.7	Zinc	4th Quarter
Copper Creek into Richland Creek	Hopkins	0.0 to 2.7	Total Dissolved Solids	4th Quarter
Copper Creek into Richland Creek	Hopkins	0.0 to 2.7	Specific Conductance	4th Quarter
UT to Copper Creek into Copper Creek	Hopkins	0.0 to 1.1	Specific Conductance	4th Quarter
UT to Copper Creek into Copper Creek	Hopkins	0.0 to 1.1	Total Dissolved Solids	4th Quarter
Little Laurel River into Laurel River	Laurel	0.0 to 8.4	Fecal Coliform	4th Quarter
Little Laurel River into Laurel River	Laurel	8.4 to 12.7	Fecal Coliform	4th Quarter
Little Laurel River into Laurel River	Laurel	12.7 to 14.8	Fecal Coliform	4th Quarter

Stream Name	County	River Miles	Pollutant	Quarter
Little Laurel River into Laurel River	Laurel	14.8 to 23.0	Fecal Coliform	4th Quarter
Whitley Branch into Little Laurel River	Laurel	0.0 to 1.0	Fecal Coliform	4th Quarter
Whitley Branch into Little Laurel River	Laurel	1.0 to 2.6	Fecal Coliform	4th Quarter
South Fork Gunpowder Creek into Ohio River	Boone	4.1 to 6.8	Fecal Coliform	4th Quarter
Bacon Creek into Nolin River	Hart	0.2 to 17.2	Fecal Coliform	4th Quarter
Bacon Creek into Nolin River	Hart	17.2 to 27.1	Fecal Coliform	4th Quarter
Bacon Creek into Nolin River	Hart	27.1 to 32.6	Fecal Coliform	4th Quarter
Eagle Creek into Kentucky River	Owen	15.3 to 28.5	Fecal Coliform	4th Quarter

Chapter 10. Kentucky River Basin Unit 303(d) List

The 303(d) List begins with Kentucky River BMU in Chapter 10 and continues for the other BMUs and the Ohio River Mainstem through Chapter 15. These chapters are presented with headings so the reader will know the BMU, subbasin (if any) and whether streams, springs or lakes/reservoirs are listed on that page.

10.1 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 $159,000 Section 319(h) Grant funds (FFY2005) to the Northern Kentucky Independent District Health Department to develop a Watershed Plan for the Ten Mile Creek watershed and to initiate straight pipe abatement. 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.

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)

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Balls Fork 8.3 to 11.3 — Knott County
Into Troublesome Creek — Segment Length: 3
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

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

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

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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.

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)

See TMDLs Under Development Prior to 2008.

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.

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)

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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.

Kentucky Basin Unit
Kentucky River Basin
Streams

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; Silviculture Harvesting; Streambank Modifications/ destabilization; Subsurface (Hardrock) Mining; Surface Mining

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

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

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)

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

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

Kentucky Basin Unit
Kentucky River Basin
Streams

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): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Source Unknown; Streambank Modifications/destabilization

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
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 Fork Elkhorn Creek — Segment Length: 3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

KDOW awarded $666,564 Section 319(h) Grant funds (FFY2006) to the University of Kentucky to develop and begin implementing a Watershed Plan for the Cane Run watershed. An additional request for $454,343 (FFY2008) to continue restoration implementation is pending with EPA. 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.

Cane Run 3.0 to 9.6 — Scott County
Into North Fork Elkhorn Creek — 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:	Highways, Roads, Bridges, Infrastructure (New Construction); Landfills; Livestock (Grazing or Feeding Operations); Package Plant or Other Permitted Small Flows Discharges

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

KDOW awarded $666,564 Section 319(h) Grant funds (FFY2006) to the University of Kentucky to develop and begin implementing a Watershed Plan for the Cane Run watershed. An additional request for $454,343 (FFY2008) to continue restoration implementation is pending with EPA. 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.

Cane Run 9.6 to 17.4 — Fayette County
Into North Fork Elkhorn Creek — Segment Length: 7.8

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

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

KDOW awarded $666,564 Section 319(h) Grant funds (FFY2006) to the University of Kentucky to develop and begin implementing a Watershed Plan for the Cane Run watershed. An additional request for $454,343 (FFY2008) to continue restoration implementation is pending with EPA. 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.

Kentucky Basin Unit
Kentucky River Basin
Streams

Caney Cr. 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

Carr Fork 15.6 to 26.4 — Knott County
Into North Fork Kentucky River — Segment Length: 10.8
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Cat Creek 0.0 to 8.0 — Powell County
Into Red River — Segment Length: 8
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 Fk. 0.7 to 1.1 — Wolfe County
Into Baptist Fork — Segment Length: 0.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Clarks Run 0.7 to 4.0 — Boyle County
Into Dix River (Herrington Lake) — Segment Length: 3.3
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
Suspected Sources: Municipal Point Source Discharges; Streambank Modifications/ destabilization; Unrestricted Cattle Access; Urban Runoff/Storm Sewers

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.3.

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 Plan for the Dix River/Herrington Reservoir watershed. In 2004, the Bluegrass Personal Responsibility in a Desirable Environment (PRIDE) awarded approximately $7,000 to the City of Danville to conduct a riparian reforestation effort. During 2004 and 2006, the Kentucky River Authority awarded approximately $6,000 to the Boyle County High School to support volunteer Water Watch sampling and riparian buffer zone initiatives. In 2005, the Governor's Scholars students at Centre College completed stormwater drain stenciling throughout Danville to reduce storm drain dumping and to increase awareness of this nonpoint pollution source. The City of Danville is also currently contracting with Bluegrass PRIDE to implement stormwater education and outreach activities. 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.

Clarks Run 4.0 to 6.3 — Boyle County
Into Dix River (Herrington Lake) — Segment Length: 2.3

Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s):	Cause Unknown; Escherichia coli; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources:	Municipal Point Source Discharges; Source Unknown; Urban Runoff/Storm Sewers

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.3 to 6.6.

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 Plan for the Dix River/Herrington Reservoir watershed. During 2004 and 2006, the Kentucky River Authority awarded approximately $6,000 to the Boyle County High School to support volunteer Water Watch sampling and riparian buffer zone initiatives. In 2005, the Governor's Scholars students at Centre College completed stormwater drain stenciling throughout Danville to reduce storm drain dumping and to increase awareness of this nonpoint pollution source. The City of Danville is also currently contracting with Bluegrass PRIDE to assist with implementing stormwater permit requirements.

Kentucky Basin Unit
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Streams

Clarks Run 6.3 to 14.3 — Boyle County
Into Dix River (Herrington Lake) — Segment Length: 8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Escherichia coli; Sedimentation/Siltation
Suspected Sources: Source Unknown; Streambank Modifications/destabilization

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 8.1 to 13.5.

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 Plan for the Dix River/Herrington Reservoir watershed. During 2004 and 2006, the Kentucky River Authority awarded approximately $6,000 to the Boyle County High School to support volunteer Water Watch sampling and riparian buffer zone initiatives. In 2005, the Governor's Scholars students at Centre College completed stormwater drain stenciling throughout Danville to reduce storm drain dumping and to increase awareness of this nonpoint pollution source. The City of Danville is also currently contracting with Bluegrass PRIDE to assist with implementing stormwater permit requirements.

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

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

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 a comprehensive Watershed Plan for the Dix River/Herrington Reservoir 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.

Copper Creek 2.2 to 5.0 — Rockcastle County
Into Dix River — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

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 Plan for the Dix River/Herrington Reservoir 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.

Crane Cr. 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 Cr. 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
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/destabilization; Surface Mining

Kentucky Basin Unit
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Defeated Creek 0.4 to 1.6 — Knott County
Into Carr Creek Reservoir — Segment Length: 1.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

See Chapter 6, Segments Planned for Monitoring During 2008.

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

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

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 Plan for the Dix River/Herrington Reservoir 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.

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

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

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 Plan for the Dix River/Herrington Reservoir 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.

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

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

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 Plan for the Dix River/Herrington Reservoir 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.

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 2008.

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 and a comprehensive Watershed Plan for the Dix River/Herrington Reservoir 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.

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

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

Kentucky Basin Unit
Kentucky River Basin
Streams

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. 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.

Eagle Creek 15.3 to 28.5 — Owen County
Into Kentucky River — Segment Length: 13.2
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

See Chapter 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

KDOW awarded $159,000 Section 319(h) Grant funds (FFY2005) to the Northern Kentucky Independent District Health Department to develop a Watershed Plan (completed Nov. 2005) for the Ten Mile Creek watershed and to initiate straight pipe abatement. During 2005, the Kentucky River Authority awarded approximately $3,000 to the Kentucky Waterways Alliance to assist with start-up expenses for the Eagle Creek Watershed Council. Additionally, 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.

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 5, Status of TMDLs Under Development Prior to 2008.

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 5, Status of TMDLs Under Development Prior to 2008.

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

East Hickman Creek 4.2 to 10.2 — Fayette County
Into Kentucky River — Segment Length: 6
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 5, Status of TMDLs Under Development Prior to 2008.

East Hickman Creek 12.6 to 14.0 — Fayette County
Into 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 5, Status of TMDLs Under Development Prior to 2008.

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

Elkhorn Creek 0.0 to 18.2 — Franklin County
Into Kentucky River — Segment Length: 18.2
Impaired Use(s): Fish Consumption (Nonsupport); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Methylmercury; Fecal Coliform
Suspected Sources: SourceUnknown; Managed Pasture Grazing

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. 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.

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)

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

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

Goose Creek 0.0 to 1.8 — Shelby County
Into Benson Creek — Segment Length: 1.8
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)

Kentucky Basin Unit
Kentucky River Basin
Streams

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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.

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)

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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.

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: Land Disposal (Onsite Wastewater Systems-Septic Tanks and/or Straight Pipes)

Grapevine Creek 0.0 to 1.1 — Perry County
Into North Fork of 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; Silviculture Harvesting; Streambank Modifications/ destabilization; Subsurface (Hardrock) Mining; 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)

Kentucky Basin Unit
Kentucky River Basin
Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 15.0.

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 $750,000 Section 319(h) Grants (FFY1999, FFY2001, and FFY2002), to the Kentucky Division of Conservation and the Kentucky Heritage RC&D, Inc to implement agricultural BMPs in the Peyton Creek subwatershed, a tributary of Hanging Fork. More recently (FFY2002), KDOW was awarded $342,800 to develop a comprehensive Watershed Plan for the Dix River/Herrington Reservoir 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.

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	

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

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 $750,000 Section 319(h) Grants (FFY1999, FFY2001, and FFY2002), to the Kentucky Division of Conservation and the Kentucky Heritage RC&D, Inc to implement agricultural BMPs in the Peyton Creek subwatershed, a tributary of Hanging Fork. More recently (FFY2002), KDOW was awarded $342,800 to develop a comprehensive Watershed Plan for the Dix River/Herrington Reservoir 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.

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)

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

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 (FFY2002) to develop a comprehensive Watershed Plan for the Dix River/Herrington Reservoir watershed.

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)

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

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 (FFY2002) to develop a comprehensive Watershed Plan for the Dix River/Herrington Reservoir watershed.

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)

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

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

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; Silviculture Harvesting; Streambank Modifications/destabilization; Subsurface (Hardrock) Mining; Surface Mining

Hell Creek 0.0 to 3.5 — Lee County
Into North Fork Kentucky River — Segment Length: 3.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Total Dissolved Solids
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Petroleum/natural Gas Production Activities (Permitted); Surface Mining

Hickman Creek 0.0 to 6.0 — Jessamine County
Into Kentucky River — Segment Length: 6
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 5, Status of TMDLs Under Development Prior to 2008.

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 5, Status of TMDLs Under Development Prior to 2008.

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): Sedimentation/Siltation
Suspected Sources: Agriculture; Heap-leach Extraction Mining; Loss of Riparian Habitat; Streambank Modifications/destabilization

Kentucky Basin Unit
Kentucky River Basin
Streams

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

The Kentucky Division of Abandoned Mine Lands allocated $347,268 (1997), $64,071 (2003) and $40,000 (2007) in federal AML funds for reclamation projects in the Horse 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.

Hunting Creek 0.0 to 2.6 — Breathitt County
Into Quicksand Creek — Segment Length: 2.6
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; Silviculture Harvesting; Streambank Modifications/destabilization; Subsurface (Hardrock) Mining; Surface Mining

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

Johnson Fk. 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

Based upon the assessed segment and topographic maps, the name of this segment has been corrected from the 2006 listing. The previous listing was Johnson Creek.

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 Basin Unit
Kentucky River Basin
Streams

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 154.0 to 210.0 — Jessamine County
Into Ohio River — Segment Length: 56.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Methylmercury
Suspected Sources: Source Unknown

Knoblick Creek 0.0 to 4.8 — Lincoln County
Into Dix River (Herrington Lake) — 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

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

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; Heap-leach Extraction Mining; Loss of Riparian Habitat; Streambank Modifications/destabilization

Laurel Creek 3.8 to 4.8 — Clay County
Into Goose Creek — Segment Length: 1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

Left Fork Island Creek 0.0 to 5.0 — Owsley County
Into Island Creek — Segment Length: 5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production

Kentucky Basin Unit
Kentucky River Basin
Streams

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); Secondaary 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 North Fork Kentucky River — Segment Length: 2.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Surface Mining

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

Since 1994, the Division of Water has awarded $712,200 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. Unfortunately, the Letcher County Water and Sewer District determined that their resources were inadequate to complete and maintain the project, resulting in $310,000 319(h) funds being returned to the Division of Water in 2008. In addition to 319(h) funding, significant funding (over $1.5 million in loans and grants) for wastewater projects in Letcher County has been provided through Personal Responsibility in a Desirable Environment (PRIDE) Program. Between 2003-06, the Kentucky River Authority (KRA) awarded approximately $8,000 to (1) the Letcher County Water and Sewer District for watershed educational tools and volunteer water monitoring equipment, (2) the Eastern Kentucky Environmental Research Institute to provide funding assistance to support an AmeriCorps/VISTA position in the headwaters of the North Fork of the Kentucky River in Letcher County and (3) to Cowan Community Action Group to educate people living along this upper North Fork tributary about its' pollution problems and mobilize support to find ways to improve in-stream water quality.

Kentucky Basin Unit
Kentucky River Basin
Streams

Little Willard Cr. 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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 8, TMDLs Planned for Public Notice During 2008.

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)

Kentucky Basin Unit
Kentucky River Basin
Streams

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 Buffalo Creek 0.0 to 2.4 — Owsley County
Into South Fork Kentucky River — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat

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 5, Status of TMDLs Under Development Prior to 2008.

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 Cr. 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): Sedimentation/Siltation
Suspected Sources: 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 5, Status of TMDLs Under Development Prior to 2008.

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

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

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

Middle Fork, Kentucky River 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 Cr. 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 Br. 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. 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.

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)

Muncy Cr. 2.7 to 4.7 — Leslie County
Into Middle Fork of Kentucky River — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation

Noland Cr. 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)

Kentucky Basin Unit
Kentucky River Basin
Streams

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)

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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.

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

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 (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Urban Runoff/Storm Sewers; Non-irrigated Crop Production;Habitat Modification - other than Hydromodification

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

North Fork of 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

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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.

Otter Creek 0.0 to 4.1 — Madison County
Into Kentucky River — Segment Length: 4.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
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; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

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)

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

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

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

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

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Since 1994, the Division of Water has awarded $712,200 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. Unfortunately, the Letcher County Water and Sewer District determined that their resources were inadequate to complete and maintain the project, resulting in $310,000 319(h) funds being returned to the Division of Water in 2008. In addition to 319(h) funding, significant funding (over $1.5 million in loans and grants) for wastewater projects in Letcher County has been provided through Personal Responsibility in a Desirable Environment (PRIDE) Program. Between 2003-06, the Kentucky River Authority (KRA) awarded approximately $8,000 to (1) the Letcher County Water and Sewer District for watershed educational tools and volunteer water monitoring equipment, (2) the Eastern Kentucky Environmental Research Institute to provide funding assistance to support an AmeriCorps/VISTA position in the headwaters of the North Fork of the Kentucky River in Letcher County and (3) to Cowan Community Action Group to educate people living along this upper North Fork tributary about its pollution problems and mobilize support to find ways to improve in-stream water quality.

Kentucky Basin Unit
Kentucky River Basin
Streams

Puncheon Camp Creek 0.0 to 3.2 — Breathitt County
Into Middle Fork 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
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; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Harvesting; Source Unknown; Streambank Modifications/destabilization

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

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

Red Lick Creek 0.0 to 8.4 — Madison County
Into Station Camp Creek — Segment Length: 8.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

During 2005 and 2006, the Kentucky River Authority awarded approximately $7,000 to the Appalachian Heritage Alliance to conduct solid waste clean-up events and to provide hands-on watershed education for Powell County High School students.

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

During 2005 and 2006, the Kentucky River Authority awarded approximately $7,000 to the Appalachian Heritage Alliance to conduct solid waste clean-up events and to provide hands-on watershed education for Powell County High School students.

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)

During 2005 and 2006, the Kentucky River Authority awarded approximately $7,000 to the Appalachian Heritage Alliance to conduct solid waste clean-up events and to provide hands-on watershed education for Powell County High School students.

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

Right Fk. Lacy Cr. 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 Buffalo Creek 0.0 to 2.1 — Owsley County
Into Buffalo Creek — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

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); Silviculture Harvesting; Streambank Modifications/ destabilization; Subsurface (Hardrock) Mining; Surface Mining

Since 1994, the Division of Water has awarded $712,200 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. Unfortunately, the Letcher County Water and Sewer District determined that their resources were inadequate to complete and maintain the project, resulting in $310,000 319(h) funds being returned to the Division of Water in 2008. In addition to 319(h) funding, significant funding (over $1.5 million in loans and grants) for wastewater projects in Letcher County has been provided through Personal Responsibility in a Desirable Environment (PRIDE) Program. Between 2003-06, the Kentucky River Authority (KRA) awarded approximately $8,000 to (1) the Letcher County Water and Sewer District for watershed educational tools and volunteer water monitoring equipment, (2) the Eastern Kentucky Environmental Research Institute to provide funding assistance to support an AmeriCorps/VISTA position in the headwaters of the North Fork of the Kentucky River in Letcher County and (3) to Cowan Community Action Group to educate people living along this upper North Fork tributary about its pollution problems and mobilize support to find ways to improve in-stream water quality.

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

See Chapter 6, Segments Planned for Monitoring During 2008.

Based upon the assessed segment and topographic maps, the name of this segment has been corrected from the 2006 listing. The previous listing was Bantas Fork into Salt River 0.0 to 6.2.

Kentucky Basin Unit
Kentucky River Basin
Streams

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 0.0 to 11.1 — Madison County
Into Kentucky River — Segment Length: 11.1
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Silver Creek 11.2 to 29.8 — Madison County
Into Kentucky River — Segment Length: 18.6
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; Post-development Erosion and Sedimentation

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

South Elkhorn Creek 5.0 to 16.6 — Franklin County
Into Elkhorn Creek — Segment Length: 11.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Chlorine; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Erosion from Derelict Land (Barren Land); Loss of Riparian Habitat; Managed Pasture Grazing; 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. 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.

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 5, Status of TMDLs Under Development Prior to 2008.

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)
Pollutant(s): Chlorine; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Municipal Point Source Discharges; Non-irrigated Crop Production; Post-development Erosion and Sedimentation

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 Cr. 0.1 to 6.3 — Boyle County
Into Moaks Branch — Segment Length: 6.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Streambank Modifications/destabilization

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

River/Herrington Reservoir 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.

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; Silviculture Harvesting; Streambank Modifications/destabilization; Subsurface (Hardrock) Mining; Surface Mining

Squabble Cr. 0.0 to 4.7 — Perry County
Into Middle Fork 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

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 14.5 to 17.3.

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; Heap-leach Extraction Mining; Loss of Riparian Habitat

Stinnett Cr. 1.3 to 4.7 — Leslie County
Into Middle Fork 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 Cr. 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 6, Segments Planned for Monitoring During 2008.

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 13.8 — Wolfe County
Into Red River — Segment Length: 13.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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 5, Status of TMDLs Under Development Prior to 2008.

Ten Mile Creek 0.0 to 2.9 — Grant County
Into Eagle Creek — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Cause Unknown; Fecal Coliform
Suspected Sources: Source Unknown

KDOW awarded $159,000 Section 319(h) Grant funds (FFY2005) to the Northern Kentucky Independent District Health Department to develop a Watershed Plan (completed Nov. 2005) and to initiate straight pipe abatement.

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

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

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Town Branch 9.2 to 10.6 — Fayette County
Into South Elkhorn Creek — Segment Length: 1.4
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; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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 10.6 to 12.1 — Fayette County
Into South Elkhorn Creek — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

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.

Trace Fork 0.15 to 2.4 — Knott County
Into Carr Creek Lake — Segment Length: 2.25
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

See Chapter 6, Segments Planned for Monitoring During 2008.

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 (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids; Turbidity
Suspected Sources: Coal Mining, Municipal Point Source Discharges, 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
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 Twin Creek 0.0 to 3.6 — Breathitt County
Into Middle Fork Kentucky River — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

UT to Cane Run 0.0 to 3.5 — Scott County
Into Cane Run — Segment Length: 3.5
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded $666,564 Section 319(h) Grant funds (FFY2006) to the University of Kentucky to develop and begin implementing a Watershed Plan for the Cane Run watershed. An additional request for $454,343 (FFY2008) to continue restoration implementation is pending with EPA. 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.

UT to 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

UT to 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

Kentucky Basin Unit
Kentucky River Basin
Streams

UT to 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 to Smith Fk. 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; Heap-leach Extraction Mining

UT to 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

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

West Fork Mill Creek 0.0 to 1.0 — Carroll County
Into Mill Creek — Segment Length: 1
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 3.0 — Jessamine County
Into Hickman Creek — Segment Length: 3
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 5, Status of TMDLs Under Development Prior to 2008.

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

West Hickman Creek 3.0 to 8.6 — Jessamine County
Into Hickman Creek — Segment Length: 5.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation
Suspected Sources: Unspecified Urban Stormwater

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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.

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 Cr. 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 5, Status of TMDLs Under Development Prior to 2008, Chapter 6, Segments Planned for Monitoring During 2008, and Chapter 8, TMDLs Planned for Public Notice During 2008.

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

Kentucky Basin Unit
Kentucky River Basin
Streams

Wolf Run 0.0 to 4.1 — Fayette County
Into Town Branch — Segment Length: 4.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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. During 2006, the Kentucky River Authority awarded approximately $3,000 to the Friends of Wolf Run to improve riparian buffers, provide lawn testing for fertilizer needs and to conduct community education efforts.

Wooten Creek 0.0 to 3.0 — Leslie County
Into Cutshin Creek — Segment Length: 3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

10.2 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

Buckhorn Lake — Perry County
Into Middle Fork of Kentucky River — Acres: 1230
Impaired Use(s): Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Suspended Solids (TSS)
Suspected Sources: Agriculture; Heap-leach Extraction Mining; Natural Sources; Surface Mining

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 Creek Reservoir — Knott County
Into Carr Fork of NF Kentucky River — Acres: 710
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Oxygen, Dissolved; Sedimentation/Siltation; Total Suspended Solids (TSS)
Suspected Sources: Source Unknown; Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2008.

Cedar Creek Lake — Lincoln County
Into Cedar Creek of Kentucky River — Acres: 784
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Methylmercury
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): Methylmercury; Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved
Suspected Sources: Agriculture; Internal Nutrient Recycling; Municipal Point Source Discharges; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown

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

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 Plan for the Dix River/Herrington Reservoir 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.

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

Panbowl Lake — Breathitt County
Into North Fork Kentucky River - Oxbow Cut-off — Acres: 98
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Oxygen, Dissolved
Suspected Sources: Internal Nutrient Recycling; Septage Disposal

Stanford City Lake (Rice Lake) — Lincoln County
Into Neals Creek — Acres: 43
Impaired Use(s): Domestic Water Supply (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Kentucky Basin Unit
Kentucky River Basin
Lakes

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

Chapter 11. Salt-Licking Basin Unit 303(d) List

11.1 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 5, Status of TMDLs Under Development Prior to 2008.

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.

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):	Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform	
Suspected Sources:	Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers	

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Sanitation District 1 (SD1) of Northern Kentucky was awarded a line-item appropriation of $475,000 to develop and apply a Watershed Assessment Protocol to Banklick Creek. SD1 has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. 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 revise the existing watershed plan and continue restoration activities.

Salt-Licking Basin Unit
Licking River Basin
Streams

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): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Sanitation District 1 (SD1) of Northern Kentucky was awarded a line-item appropriation of $475,000 to develop and apply a Watershed Assessment Protocol to Banklick Creek. SD1 has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. 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 revise the existing watershed plan and continue restoration activities.

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 5, Status of TMDLs Under Development Prior to 2008.

Sanitation District 1 (SD1) of Northern Kentucky was awarded a line-item appropriation of $475,000 to develop and apply a Watershed Assessment Protocol to Banklick Creek. SD1 has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. 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 revise the existing watershed plan and continue restoration activities.

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

Salt-Licking Basin Unit
Licking River Basin
Streams

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

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

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

See Chapter 6, Segments Planned for Monitoring During 2008.

KDOW has requested $484,404 Section 319(h) Grant funds (FFY2008) for Tetra Tech, Inc to develop and Watershed Plan for the entire Hinkston Creek watershed.

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

Salt-Licking Basin Unit
Licking River Basin
Streams

Burning Fork 0.0 to 3.25 — Magoffin County
Into Licking River — Segment Length: 3.25
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Source Unknown

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; Silviculture Harvesting; Streambank Modifications/destabilization; Subsurface (Hardrock) Mining; 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
Into Triplett Creek — 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 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.

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

Salt-Licking Basin Unit
Licking River Basin
Streams

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 6, Segments Planned for Monitoring During 2008.

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 5, Status of TMDLs Under Development Prior to 2008.

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.

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 5, Status of TMDLs Under Development Prior to 2008.

Based upon the stream length, one segment contained on the 2006 list has been deleted. Doty

Branch is only 2.3 miles long and the listing for river miles 2.3 to 4.0 was an error.

Previously, this segment was listed for Organic Enrichment (Sewage) Biological Indicators. This pollutant has been identified as Nutrient/Eutrophication Biological Indicators.

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.

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; Sedimentation/Siltation Organic Enrichment (Sewage) Biological Indicators;	
Suspected Sources:	Highway/Road/Bridge Runoff (Non-construction Related); Urban Runoff/Storm Sewers	

Based upon the assessed reach, the river miles for this segment have been expanded. This segment was formerly 0.0 to 0.5.

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 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.

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 5, Status of TMDLs Under Development Prior to 2008.

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; Silviculture Harvesting; Streambank Modifications/destabilization; Subsurface (Hardrock) Mining; Surface Mining	

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Salt-Licking Basin Unit
Licking River Basin
Streams

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; Silviculture Harvesting; Streambank Modifications/destabilization; Subsurface (Hardrock) Mining; Surface Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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)

Based upon topographic maps, the name of this segment has been corrected from the 2006 listing. The previous listing was Fannis Fork.

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

Flat Run 0.0 to 2.2 — 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 6, Segments Planned for Monitoring During 2008.

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 5, Status of TMDLs Under Development Prior to 2008.

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.

Salt-Licking Basin Unit
Licking River Basin
Streams

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 5, Status of TMDLs Under Development Prior to 2008.

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.

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 5, Status of TMDLs Under Development Prior to 2008.

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 has also awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Town Creek watershed, a direct tributary to Fleming Creek.

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

Salt-Licking Basin Unit
Licking River Basin
Streams

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

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

KDOW has requested $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.

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 5, Status of TMDLs Under Development Prior to 2008.

KDOW has requested $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.

Salt-Licking Basin Unit
Licking River Basin
Streams

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

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 5, Status of TMDLs Under Development Prior to 2008.

Johnson Creek 0.0 to 3.1 — Magoffin County
Into Licking River — Segment Length: 3.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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 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; Silviculture Harvesting; Streambank Modifications/destabilization; Subsurface (Hardrock) Mining; Surface Mining

Salt-Licking Basin Unit
Licking River Basin
Streams

Lick Creek 0.0 to 2.1 — Magoffin County
Into 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); Grazing in Riparian or Shoreline Zones; Impervious Surface/Parking Lot Runoff; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Rural (Residential Areas); Unrestricted Cattle Access; Wet Weather Discharges (Non-Point Source)

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

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

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

Salt-Licking Basin Unit
Licking River Basin
Streams

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; Sedimentation/Siltation; Turbidity; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Silviculture Activities; Silviculture Harvesting; Silviculture Reforestation; Streambank Modifications/destabilization; Urban Runoff/Storm Sewers; Wet Weather Discharges (Non-Point Source)

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
Suspected Sources: Resource Extraction

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

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

Salt-Licking Basin Unit
Licking River Basin
Streams

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 5, Status of TMDLs Under Development Prior to 2008.

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.

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 Licking River 0.0 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

Salt-Licking Basin Unit
Licking River Basin
Streams

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

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

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

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

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

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

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

Salt-Licking Basin Unit
Licking River Basin
Streams

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)

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

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

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

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

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

Salt-Licking Basin Unit
Licking River Basin
Streams

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 7, Segments Planned for Monitoring During 2009.

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 7, Segments Planned for Monitoring During 2009.

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; Silviculture Harvesting; Streambank Modifications/destabilization; Subsurface (Hardrock) Mining; Surface Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Salt-Licking Basin Unit
Licking River Basin
Streams

Strodes Creek 2.7 to 19.3 — Bourbon County
Into Stoner Creek — Segment Length: 16.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Unspecified Urban Stormwater

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

KDOW awarded $680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement BMPs and restore the water quality of Strodes Creek. KDOW has awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for Hancock Creek, a direct tributary of Strodes Creek.

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

Sanitation District 1 of Northern Kentucky has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of this Consent Decree, a watershed plan will be developed for this watershed.

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

See Chapter 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

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.

Salt-Licking Basin Unit
Licking River Basin
Streams

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; Silviculture Harvesting; Streambank Modifications/destabilization; Subsurface (Hardrock) Mining; Surface Mining

Triplett Creek 5.9 to 12.3 — Rowan County
Into Licking River — Segment Length: 6.4
Segment 5.9 to 12.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
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 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 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

Salt-Licking Basin Unit
Licking River Basin
Streams

Williams Creek 0.0 to 5.3 — Morgan County
Into Elk Fork — Segment Length: 5.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

11.2 Licking River Basin Lakes

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

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

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

11.3 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 5, Status of TMDLs Under Development Prior to 2008.

Big Sugar Cr. 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: 2.0
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 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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators;
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
Into Ohio River — 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 1 of Northern Kentucky has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of this Consent Decree, a watershed plan will be developed for this watershed.

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

Salt-Licking Unit
Ohio River Basin
Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 15.4.

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, Unspecified Urban Stormwater, Streambank Modifications/destabilization, Site Clearance (Land Development or Redevelopment), Loss of Riparian Habitat, Highway/Road/Bridge Runoff (Non-construction Related)

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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 5, Status of TMDLs Under Development Prior to 2008.

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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Turbidity
Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (E.g., for Navigation Channels); Livestock (Grazing or Feeding Operations); Sewage Discharges in Unsewered Areas; Silviculture Activities

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 5, Status of TMDLs Under Development Prior to 2008, and Chapter 9, TMDLs Planned for Public Notice During 2009.

Salt-Licking Unit
Ohio River Basin
Streams

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

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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators;
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: 7.0
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: 5.0
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

South Fork Gunpowder Creek 0.0 to 2.0 — Boone County
Into Ohio River — Segment Length: 2.0
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; 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 5, Status of TMDLs Under Development Prior to 2008.

Salt-Licking 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 5, Status of TMDLs Under Development Prior to 2008, and Chapter 9, TMDLs Planned for Public Notice During 2009.

Tenmile Cr. 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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators;
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 5, Status of TMDLs Under Development Prior to 2008.

Northern Kentucky University Center for Applied Ecology will begin a $1.2 million stream restoration project on Woolper Creek in 2006 to address past channelization and filling of wetlands and floodplain.

11.4 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; Dissolved Gas Supersaturation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

The Little Kentucky Watershed Conservancy District has funded a watershed coordinator to assist with water quality coordination (monitoring, education/outreach, watershed plan development, funding, etc.).

11.5 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 (Nonsupport)
Pollutant(s): Cadmium; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Combined Sewer Overflows; Landfills; Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures); Unspecified Urban Stormwater

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.

MSD has entered into a consent decree to address unauthorized discharges from SSO, CSO and WWTPs and to address discharges from the CSO locations identified in their KPDES permit. Living Lands and Living Waters has assisted with major clean-sweep events on the Ohio River (in Louisville), and have provided environmental education at these events.

Beech Creek 4.6 to 19.6 — Shelby County
Into Salt River (Taylorsville Lake) — Segment Length: 15.0
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 of 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 of 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

Salt-Licking Basin Unit
Salt River Basin
Streams

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

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

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation 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. KDOW is also collaborating with Bullitt County to bring Growth Readiness training to the area.

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 5, Status of TMDLs Under Development Prior to 2008.

KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation 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. KDOW is also collaborating with Bullitt County to bring Growth Readiness training to the area.

Brooks Run 4.1 to 6.1 — Bullitt County
Into Floyds Fork — Segment Length: 2.0
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

Salt-Licking Basin Unit
Salt River Basin
Streams

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation 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. KDOW is also collaborating with Bullitt County to bring Growth Readiness training to the area.

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 $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation 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. KDOW is also collaborating with Bullitt County to bring Growth Readiness training to the area.

Cartwright Creek 0.0 to 6.6 — Washington County
Into Beech Fork — 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 — Segment Length: 6.0
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

Salt-Licking Basin Unit
Salt River Basin
Streams

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

Chenoweth Run 0.0 to 5.2 — Jefferson County
Into Floyds Fork — Segment Length: 5.2
Impaired Use(s): Primary Contact Recreation (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Municipal Point Source Discharges; Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

See Chapter 6, Segments Planned for Monitoring During 2008.

KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Plan in the Floyds Fork watershed. The Floyds Fork Environmental Association is active in the watershed.

Chenoweth Run 5.2 to 9.2 — Jefferson County
into Floyds Fork — Segment Length: 4.0
Impaired Use(s): Primary Contact Recreation (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Municipal Point Source Discharges; Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

See Chapter 6, Segments Planned for Monitoring During 2008.

KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Plan in the Floyds Fork watershed. The Floyds Fork Environmental Association is active in the watershed.

Clear Creek 0 to 4.4 — Hardin County
Into Rolling Fork of Salt River — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Salt-Licking Basin Unit
Salt River Basin
Streams

Clear Creek 0.0 to 11.0 — Shelby County
Into Bullskin Creek — Segment Length: 11.0
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

See Chapter 6, Segments Planned for Monitoring During 2008.

The Clear Creek Land Trust (a conservation land trust), is actively purchasing land to put into easements.

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 7, Segments Planned for Monitoring During 2009.

Interest in restoring Cox Creek is growing among the City of Fairfield, Central KY PRIDE and the Salt River Basin Team; a few meetings have occurred.

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 7, Segments Planned for Monitoring During 2009.

Interest in restoring Cox Creek is growing among the City of Fairfield, Central KY PRIDE and the Salt River Basin Team; a few meetings have occurred.

Crooked Creek 5.6 to 12.8 — Bullitt County
Into Rolling Fork of Salt River — Segment Length: 7.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Salt-Licking Basin Unit
Salt River Basin
Streams

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; Highway/Road/Bridge Runoff (Non-construction Related); Municipal (Urbanized High Density Area); Package Plant or Other Permitted Small Flows Discharges

See Chapter 6, Segments Planned for Monitoring During 2008.

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; several acres of wetland will also be created. Money to fund the stream restoration will come from fees generated in the Salt River Basin. Additionally, KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Plan in the larger Floyds Fork watershed.

Doe Run 4.1 to 7.9 — Meade County
Into Ohio River — Segment Length: 3.8
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

East Fork Beech Fork 0.0 to 1.9 — Washington County
Into Beech Fork — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

This segment has been redefined. It was formerly East Fork into Beech Fork.

Salt-Licking Basin Unit
Salt River Basin
Streams

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 5, Status of TMDLs Under Development Prior to 2008.

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 5, Status of TMDLs Under Development Prior to 2008.

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 5, Status of TMDLs Under Development Prior to 2008.

Floyds Fork 0.0 to 11.6 — Jefferson County
Into Salt River — Segment Length: 11.6
Impaired Use(s): Primary Contact Recreation (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

See Chapter 6, Segments Planned for Monitoring During 2008.

The Division of Water awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Based Plan

in the Floyds Fork watershed and $244,000 to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls. KDOW is also collaborating with Bullitt County to bring Growth Readiness training to the area.

Floyds Fork 11.6 to 24.2		Jefferson County	
Into Salt River		Segment Length:	12.6
Impaired Use(s):	Primary Contact Recreation (Nonsupport)		
Pollutant(s):	Fecal Coliform		
Suspected Sources:	Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers; Package Plant or Other Permitted Small Flows Discharges; Municipal Point Source Discharges		

See Chapter 6, Segments Planned for Monitoring During 2008.

KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Plan in the Floyds Fork watershed.

Floyds Fork 24.2 to 34.1		Jefferson County	
Into Salt River		Segment Length:	9.9
Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation (Partial Support)		
Pollutant(s):	Fecal Coliform; Sedimentation/Siltation		
Suspected Sources:	Highway/Road/Bridge Runoff (Non-construction Related); Package Plant or Other Permitted Small Flows Discharges; Agriculture; Urban Runoff/Storm Sewers; Municipal Point Source Discharges; Grazing in Riparian or Shoreline Zones		

See Chapter 6, Segments Planned for Monitoring During 2008.

KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation 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):	Sedimentation/Siltation		
Suspected Sources:	Agriculture; Site Clearance (Land Development or Redevelopment)		

See Chapter 6, Segments Planned for Monitoring During 2008.

KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Plan in the Floyds Fork watershed.

Salt-Licking Basin Unit
Salt River Basin
Streams

Glens Creek 0.0 to 4.8 — Washington County
Into Chaplin River — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Streambank Modifications/destabilization

Goose Creek 0.3 to 3.6 — Jefferson County
Into Ohio River — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cadmium; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/ Storm Sewers

See Chapter 6, Segments Planned for Monitoring During 2008.

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.

Goose Creek 3.6 to 13.0 — Jefferson County
Into Ohio River — Segment Length: 9.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cadmium; Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Source Unknown

See Chapter 6, Segments Planned for Monitoring During 2008.

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.

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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators
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)

Salt-Licking Basin Unit
Salt River Basin
Streams

Hardins Creek 0.0 to 5.0 — Breckinridge County
Into Sinking Creek — Segment Length: 5.0
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 5, Status of TMDLs Under Development Prior to 2008.

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. The Council intends to hire a consultant to help write a grant to develop a watershed plan for Hardins Creek.

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 5, Status of TMDLs Under Development Prior to 2008.

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. The Council intends to hire a consultant to help write a grant to develop a watershed plan for Hardins Creek.

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)
Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

Salt-Licking Basin Unit
Salt River Basin
Streams

Hardy Creek 0.0 to 1.4 — Trimble County
Into Little Kentucky River — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Streambank Modifications/ destabilization; Urban Runoff/Storm Sewers

Hardy Creek 1.6 to 5.6 — Trimble County
Into Little Kentucky River — Segment Length: 4.0
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): 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

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 Cr. 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

Salt-Licking Basin Unit
Salt River Basin
Streams

Jeptha Creek 0.0 to 0.7 — Shelby County
Into Guist Creek — Segment Length: 0.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Jones Creek 0.0 to 3.9 — Marion County
Into North Rolling Fork — Segment Length: 3.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

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); Managed Pasture Grazing; Non-irrigated Crop Production

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

Little Kentucky River 21.0 to 27.0 — Henry County
Into Ohio River — Segment Length: 6.0
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)

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

Salt-Licking Basin Unit
Salt River Basin
Streams

Long Run 0.0 to 10.0 — Jefferson County
Into Floyds Fork — Segment Length: 10.0
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
KDOW awarded $304,400 in Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation of a Watershed Plan in the Floyds Fork watershed.

Mellins Br. 0.0 to 1.5 — Carroll County
Into Little Kentucky River — Segment Length: 1.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Site Clearance (Land Development or Redevelopment)

Middle Fork Beargrass Creek 0.0 to 2.0 — Jefferson County
Into Beargrass Creek — Segment Length: 2.0
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cadmium; 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 5, Status of TMDLs Under Development Prior to 2008, and Chapter 8, TMDLs Planned for Public Notice During 2008.

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.

MSD has entered into a consent decree to address unauthorized discharges from SSO, CSO and WWTPs and to address discharges from the CSO locations identified in their KPDES permit. Living Lands and Living Waters has assisted with major clean-sweep events on the Ohio River (in Louisville), and have provided environmental education at these events.

Salt-Licking Basin Unit
Salt River Basin
Streams

Middle Fork Beargrass Creek 2.0 to 2.9 — Jefferson County
Into Beargrass Creek — Segment Length: 0.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cadmium; Fecal Coliform
Suspected Sources: Combined Sewer Overflows; Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater

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

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.

MSD has entered into a consent decree to address unauthorized discharges from SSO, CSO and WWTPs and to address discharges from the CSO locations identified in their KPDES permit. Living Lands and Living Waters has assisted with major clean-sweep events on the Ohio River (in Louisville), and have provided environmental education at these events.

Middle Fork Beargrass Creek 2.9 to 15.3 — Jefferson County
Into Beargrass Creek — Segment Length: 12.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cadmium; Fecal Coliform
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

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

This segment is a combination of two former segments, 2.9 to 5.8 and 5.8 to 15.3.

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.

MSD has entered into a consent decree to address unauthorized discharges from SSO, CSO and WWTPs and to address discharges from the CSO locations identified in their KPDES permit. Living Lands and Living Waters has assisted with major clean-sweep events on the Ohio River (in Louisville), and have provided environmental education at these events.

Salt-Licking Basin Unit
Salt River Basin
Streams

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): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Mill Creek Cutoff 0.0 to 6.7 — Jefferson County
Into Ohio River — Segment Length: 6.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Muddy Fork Beargrass Creek 0.0 to 6.9 — Jefferson County
Into Beargrass Creek — Segment Length: 6.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater

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

MSD has entered into a consent decree to address unauthorized discharges from SSO, CSO and WWTPs and to address discharges from the CSO locations identified in their KPDES permit. Living Lands and Living Waters has assisted with major clean-sweep events on the Ohio River (in Louisville), and have provided environmental education at these events.

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 5, Status of TMDLs Under Development Prior to 2008.

Salt-Licking Basin Unit
Salt River Basin
Streams

Otter Creek 0.0 to 10.7 — Meade County
Into Ohio River — Segment Length: 10.7
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Otter Creek 0.0 to 2.9 — Larue County
Into Rolling Fork of Salt River — Segment Length: 2.9
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Pennsylvania Run 0.0 to 3.3 — Jefferson County
Into Cedar Creek — 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., Pl-566 NRCS Structures)

See Chapter 6, Segments Planned for Monitoring During 2008.

KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation 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. KDOW is also collaborating with Bullitt County to bring Growth Readiness training to the area.

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)

Salt-Licking Basin Unit
Salt River Basin
Streams

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 6, Segments Planned for Monitoring During 2008.

Pond Creek/Southern Ditch 5.1 to 8.1 — Jefferson County
Into Pond Creek — Segment Length: 3.0
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 6, Segments Planned for Monitoring During 2008.

KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation 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)
Suspected Sources: Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pioneers for a Sustainable Future are interested in restoring Road Run and have initiated discussions with KDOW technical support staff.

Salt-Licking Basin Unit
Salt River Basin
Streams

Rolling Fork 0.0 to 40.7 — Larue County
Into Salt River — Segment Length: 40.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Salt River 11.9 to 26.2 — Bullitt County
Into Ohio River — Segment Length: 14.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Fish Consumption (Partial Support)
Pollutant(s): Fecal Coliform; Methylmercury
Suspected Sources: Source Unknown
KDOW awarded $244,000 Section 319(h) Grant funds (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls. KDOW is also collaborating with Bullitt County to bring Growth Readiness training to the area.

Salt River 78.0 to 89.0 — Anderson County
Into Ohio River — Segment Length: 11.0
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): Methylmercury
Suspected Sources: Atmospheric Deposition - Toxics; Source Unknown

Short Creek 0.0 to 5.0 — Washington County
Into Beech Fork — Segment Length: 5.0
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): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
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. The Council intends to hire a consultant to help write a grant to develop a watershed plan for Hardins Creek.

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. The Council intends to hire a consultant to help write a grant to develop a watershed plan for Hardins Creek.

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): Cadmium; 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 5, Status of TMDLs Under Development Prior to 2008, and Chapter 8, TMDLs Planned for Public Notice During 2008.

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.

Salt-Licking Basin Unit
Salt River Basin
Streams

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

Southern Ditch 0.0 to 5.9 — Jefferson County
Into Pond Creek of Salt River — Segment Length: 5.9
Mouth to Fishpool Creek
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

Based upon topographic maps, this segment has been redefined; it was formerly Pond Creek/Southern Ditch 14.7 to 16.1.

Sulphur Creek 0.0 to 10.0 — Anderson County
Into Chaplin River — Segment Length: 10.0
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Thompson Cr. 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

Salt-Licking Basin Unit
Salt River Basin
Streams

UT to Brooks Run 0.0 to 2.0 — Bullitt County
Into Brooks Run — Segment Length: 2.0
Segment 0.0 to 2.0

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 5, Status of TMDLs Under Development Prior to 2008.

KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation 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. KDOW is also collaborating with Bullitt County to bring Growth Readiness training to the area.

UT to Buffalo Run 0.0 to 1.1 — Bullitt County
Into Buffalo Run — Segment Length: 1.1

Impaired Use(s):	Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s):	Sedimentation/Siltation
Suspected Sources:	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Residential Districts; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

KDOW awarded $304,400 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance to develop and initiate implementation 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

Salt-Licking Basin Unit
Salt River Basin
Streams

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 6, Segments Planned for Monitoring During 2008.

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; Impacts from Hydrostructure Flow Regulation/ modification; Impervious Surface/Parking Lot Runoff; Urban Runoff/ Storm Sewers, Package Plant or Other Permitted Small Flows Discharges, Municipal (Urbanized High Density Area), Loss of Riparian Habitat

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

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.

Salt-Licking Basin Unit
Salt River Basin
Streams

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

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

11.6 Salt River Basin Lakes

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

Guist Creek Lake — Shelby County
Into Brashears creek — Acres: 317
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Manganese; Oxygen; Dissolved; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Dissolved Gas Supersaturation
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas); Agriculture; Natural Sources

McNeely Lake — Jefferson County
Into Pennsylvania Run — Acres: 51
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Methylmercury
Suspected Sources: Atmospheric Deposition - Toxics; 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 Ohio River — Acres: 3050
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Fish Consumption (Partial Support)
Pollutant(s): Methylmercury; Oxygen, Dissolved; Dissolved Gas Supersaturation
Suspected Sources: Agriculture; Upstream Source; Municipal Point Source Discharges; Livestock (Grazing or Feeding Operations); Source Unknown

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; Dissolved Gas Supersaturation
Suspected Sources: Source Unknown; Upstream Source

Chapter 12. Tennessee-Mississippi-Cumberland Basin Unit 303(d) List

12.1 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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

Claylick Creek 1.9 to 4.8 — Crittenden County
Into Cumberland River — Segment Length: 2.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 2.0 to 4.8.

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

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

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: 6.0
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

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 3.6 — Caldwell County
Into Eddy Creek — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; Fecal Coliform
Suspected Sources: Animal Feeding Operations (NPS); Source Unknown

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 3.5.

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

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 5.0 to 5.8.

Eddy Creek 8.4 to 10.5 — Lyon County
Into Cumberland River (Lake Barkley) — Segment Length: 2.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nitrate/Nitrite (Nitrite + Nitrate as N); Phosphorus (Total)
Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges; Rural (Residential Areas)

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 13.3 to 16.1.

This segment was listed as impaired by an Unknown Cause in the 2006 Integrated Report. This impairment has been identified as Phosphorus (Total) and Nitrate/Nitrite (Nitrite + Nitrate as N).

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 6, Segments Planned for Monitoring During 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 22.0 to 29.0.

Ferguson Creek 0.0 to 1.2 — Livingston County
Into Cumberland River — Segment Length: 1.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 1.1.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 1.1 to 2.2.

Hickory Creek 0.0 to 3.9 — Livingston County
Into Cumberland River — Segment Length: 3.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 3.8.

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

Kenady Creek 0.0 to 4.0 — Trigg County
Into Muddy Fork of Little River — Segment Length: 4.0
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 Dataset. The segment was formerly 0.0 to 3.9.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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
Suspected Sources: Agriculture

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 20.4 to 23.6.

This segment was listed as impaired by an Unknown Cause on the 2006 Integrated Report. The impairment has been identified as Nutrient/Eutrophication Biological Indicators.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation. Additionally, the City of Hopkinsville is actively engaged in stormwater management measures that will reduce runoff pollution. In 2005 the city established the Hopkinsville Surface and Stormwater Utility, which is responsible for implementing projects to reduce flooding and to identify stormwater sources that degrade water quality. The City also has plans to combine the existing WWTPs; it is anticipated the new plant will service areas of Hopkinsville with onsite sewage treatment and disposal systems (OSTDs) and should result in improved water quality as much of the geographic area around Hopkinsville is ill-suited for OSTDs.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 23.6 to 33.1.

This segment was listed as impaired by Nutrient/Eutrophication Biological Indicators in the 2006 Integrated Report. The impairment has been more accurately identified as Phosphorus (Total) and Nitrate/Nitrite (Nitrite + Nitrate as N).

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation. Additionally, the City of Hopkinsville is actively engaged in stormwater management measures that will reduce runoff pollution. In 2005 the city established the Hopkinsville Surface and Stormwater Utility, which is responsible for implementing projects to reduce flooding and to identify stormwater sources that degrade water quality. The City also has plans to combine the existing WWTPs; it is anticipated the new plant will service areas of Hopkinsville with onsite sewage treatment and disposal systems (OSTDs) and should result in improved water quality as much of the geographic area around Hopkinsville is ill-suited for OSTDs.

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); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 33.1 to 34.4.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation. Additionally, the City of Hopkinsville is actively engaged in stormwater management measures that will reduce runoff pollution. In 2005 the city established the Hopkinsville Surface and Stormwater Utility, which is responsible for implementing projects to reduce flooding and to identify stormwater sources that degrade water quality. The City also has plans to combine the existing WWTPs; it is anticipated the new plant will service areas of Hopkinsville with onsite sewage treatment and disposal systems (OSTDs) and should result in improved water quality as much of the geographic area around Hopkinsville is ill-suited for OSTDs.

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); Primary Contact Recreation Water (Partial Support)
Pollutant(s):	Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
Suspected Sources:	Agriculture; Crop Production (Crop Land or Dry Land); Municipal Point Source Discharges; Source Unknown

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 34.4 to 48.4.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation. Additionally, the City of Hopkinsville is actively engaged in stormwater management measures that will reduce runoff pollution. In 2005 the city established the Hopkinsville Surface and Stormwater Utility, which is responsible for implementing projects to reduce flooding and to identify stormwater sources that degrade water quality. The City also has plans to combine the existing WWTPs; it is anticipated the new plant will service areas of Hopkinsville with onsite sewage treatment and disposal systems (OSTDs) and should result in improved water quality as much of the geographic area around Hopkinsville is ill-suited for OSTDs.

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); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
Suspected Sources: Crop Production (Crop Land or Dry Land); Municipal Point Source Discharges; Source Unknown

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 48.4 to 61.0.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation. Additionally, the City of Hopkinsville is actively engaged in stormwater management measures that will reduce runoff pollution. In 2005 the city established the Hopkinsville Surface and Stormwater Utility, which is responsible for implementing projects to reduce flooding and to identify stormwater sources that degrade water quality. The City also has plans to combine the existing WWTPs; it is anticipated the new plant will service areas of Hopkinsville with onsite sewage treatment and disposal systems (OSTDs) and should result in improved water quality as much of the geographic area around Hopkinsville is ill-suited for OSTDs.

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): Fecal Coliform; pH; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Source Unknown

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

This segment was listed as impaired by an Unknown Cause on the 2006 Integrated Report. The impairment has been identified as pH and Nutrient/Eutrophication Biological Indicators.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 11.6 to 15.4.

This segment was listed as impaired by an Unknown Cause in the 2006 Integrated Report. This impairment has been identified as Phosphorus (Total) and Nitrate/Nitrite (Nitrite + Nitrate as N).

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. This segment was formerly 2.7 to 3.1.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 3.7 to 9.2.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
Suspected Sources: Agriculture; Municipal Point Source Discharges; Source Unknown; Urban Runoff/Storm Sewers

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

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. Agricultural BMP cost-share support has assisted producers with implementing Best

Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation. Additionally, the City of Hopkinsville is actively engaged in stormwater management measures that will reduce runoff pollution. In 2005 the city established the Hopkinsville Surface and Stormwater Utility, which is responsible for implementing projects to reduce flooding and to identify stormwater sources that degrade water quality. The City also has plans to combine the existing WWTPs; it is anticipated the new plant will service areas of Hopkinsville with onsite sewage treatment and disposal systems (OSTDs) and should result in improved water quality as much of the geographic area around Hopkinsville is ill-suited for OSTDs.

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); Primary Contact Recreation Water (Partial Support)	
Pollutant(s):	Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform;	
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 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.3 to 6.9.
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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation. Additionally, the City of Hopkinsville is actively engaged in stormwater management measures that will reduce runoff pollution. In 2005 the city established the Hopkinsville Surface and Stormwater Utility, which is responsible for implementing projects to reduce flooding and to identify stormwater sources that degrade water quality. The City also has plans to combine the existing WWTPs; it is anticipated the new plant will service areas of Hopkinsville with onsite sewage treatment and disposal systems (OSTDs) and should result in improved water quality as much of the geographic area around Hopkinsville is ill-suited for OSTDs.

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); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
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 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 6.9 to 11.6.

The 2006 list had a "Cause Unknown" listing which has now been identified as Nutrient/Eutrophication Biological Indicators, Organic Enrichment (Sewage) Biological Indicators, and Sedimentation/Siltation

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation. Additionally, the City of Hopkinsville is actively engaged in stormwater management measures that will reduce runoff pollution. In 2005 the city established the Hopkinsville Surface and Stormwater Utility, which is responsible for implementing projects to reduce flooding and to identify stormwater sources that degrade water quality. The City also has plans to combine the existing WWTPs; it is anticipated the new plant will service areas of Hopkinsville with onsite sewage treatment and disposal systems (OSTDs) and should result in improved water quality as much of the geographic area around Hopkinsville is ill-suited for OSTDs.

North Fork Little River 10.9 to 16.1 — Christian County
Into Little River — Segment Length: 5.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; Fecal Coliform
Suspected Sources: Source Unknown

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

This segment is a combination of two former segments, 11.6 to 12.3 and 12.3 to 16.2. Also, the river miles for this segment have been changed to reflect the National Hydrography Dataset.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation. Additionally, the City of Hopkinsville is actively engaged in stormwater management measures that will reduce runoff pollution. In 2005 the city established the Hopkinsville Surface and Stormwater Utility, which is responsible for implementing projects to reduce flooding and to identify stormwater sources that degrade water quality. The City also has plans to combine the existing WWTPs; it is anticipated the new plant will service areas of Hopkinsville with onsite sewage treatment and disposal systems (OSTDs) and should result in improved water quality as much of the geographic area around Hopkinsville is ill-suited for OSTDs.

<u>Pleasant Grove Creek 0.0 to 2.2</u>	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 5, Status of TMDLs Under Development Prior to 2008.

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. The Red River Watershed Association is an active inter-state watershed group working to improve water quality in the Red River. The Cumberland River Compact, a broader inter-state watershed group, received a $600,000 Watershed Initiative Grant to implement best management practices in three subwatersheds of the Cumberland River, including 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. For FFY2008, the entire Red River watershed was selected as 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.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 50.1 to 54.2.

Red River 54.5 to 56.9 — Logan County
Into Cumberland River — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Rural (Residential Areas)

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

Red River 74.3 to 81.3 — Simpson County
Into Cumberland River — Segment Length: 7.0
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 Dataset. The segment was formerly 73.5 to 80.5.

Richland Creek 0.7 to 5.4 — Livingston County
Into Cumberland River — Segment Length: 4.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.6 to 5.3.

Sandy Creek 0.0 to 2.3 — Livingston County
Into Cumberland River — Segment Length: 2.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

Sinking Fork 2.2 to 5.6 — Trigg County
Into Little River — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 13.6 to 16.6.

The 2006 list had a “Cause Unknown” listing which has now been identified as Nutrient/Eutrophication Biological Indicators and Organic Enrichment (Sewage) Biological Indicators.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; Fecal Coliform
Suspected Sources: Source Unknown

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

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 5, Status of TMDLs Under Development Prior to 2008.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Other; Sedimentation/Siltation
Suspected Sources: Agriculture; Municipal Point Source Discharges; Source Unknown

See Chapter 5, Status of TMDLs Under Development Prior to 2008 and Chapter 8, TMDLs Planned for Public Notice During 2008.
The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 10.5.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation. Additionally, the City of Hopkinsville is actively engaged in stormwater management measures that will reduce runoff pollution. In 2005 the city established the Hopkinsville Surface and Stormwater Utility, which is responsible for implementing projects to reduce flooding and to identify stormwater sources that degrade water quality. The City also has plans to combine the existing WWTPs; it is anticipated the new plant will service areas of Hopkinsville with onsite sewage treatment and disposal systems (OSTDs) and should result in improved water quality as much of the geographic area around Hopkinsville is ill-suited for OSTDs.

South Fork of Little River 10.3 to 20.3 — Christian County
Into Little River — Segment Length: 10.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; Other; Sedimentation/Siltation
Suspected Sources: Agriculture

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 10.5 to 19.9.

In 1999, the Little River watershed was selected as a Clean Water Action Plan (CWAP) 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. Agricultural producers in the Little River watershed have invested significant resources to develop and implement individual Agriculture Water Quality Plans. State and Federal financial support have been provided to assist producers with implementing Best Management Practices (BMPs). Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 20.9 to 25.4.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 3.0 to 3.7.

Sugar Creek 1.0 to 1.4 — Christian County
Into Muddy Fork Little River — 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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

Tennessee-Mississippi-Cumberland Basin Unit
Lower Cumberland River Basin
Streams

Sugar Creek 2.2 to 6.9 — Livingston County
Into Cumberland River — Segment Length: 4.7
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown
See Chapter 5, Status of TMDLs Under Development Prior to 2008 and Chapter 8, TMDLs Planned for Public Notice During 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 2.1 to 6.7.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 2.7.

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. Agricultural BMP cost-share support has assisted producers with implementing Best Management Practices. Since 1995, the Division of Conservation has approved 358 applications from producers in Christian, Todd and Trigg Counties. These approved applications exceed $ 3.1 million in state cost-share assistance for BMP implementation.

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

A listing error on the 2006 list had Dry Creek from river miles 4.9 to 7.4 listed for “Cause Unknown”. This listing was actually for UT to Dry Creek 0.0 to 2.1.

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

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)

12.2 Lower Cumberland River Basin Lakes

Hematite Lake — Trigg County
Into Long Creek (Lake Barkley) — Acres: 90
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved
Suspected Sources: Natural Sources; Source Unknown

12.3 Mississippi River Basin Streams

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. The Nature Conservancy (TNC) has worked with several landowners in the Obion Creek and Bayou de Chien watersheds to plant bottomland hardwoods, restore riparian cover and to install filter strips. TNC has also been approved for a State Wildlife Grant to implement BMPs within the two watersheds.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 6.0.

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)

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 8.3.

Caldwell Creek 0.0 to 3.0 — Graves County
Into Terrapin Creek — Segment Length: 3.0
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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 3.1.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 5.4.

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. The Nature Conservancy (TNC) has worked with several landowners in the Obion Creek and Bayou de Chien watersheds to plant bottomland hardwoods, restore riparian cover and to install filter strips. TNC has also been approved for a State Wildlife Grant to implement BMPs within the two watersheds.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 3.8.

This segment was listed as impaired by Organic Enrichment (Sewage) Biological Indicators in the 2006 Integrated Report. The impairment has been more accurately identified as Nutrient/Eutrophication Biological Indicators.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 1.8 to 3.5.

Goose Creek 0.0 to 4.4 — Graves County
Into Wilson Creek — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat

Hazel Creek 0.0 to 3.7 — Ballard County
Into Wetland Ponds/Axe Lake — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Source Unknown

Hurricane Creek 0.0 to 3.7 — Carlisle County
Into Obion Creek — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-irrigated Crop Production

Key Creek 0.0 to 1.9 — Graves County
Into Mayfield Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Knob Creek 1.3 to 3.0 — Graves County
Into Blackmore Creek — Segment Length: 1.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Crop Production (Crop Land or Dry Land)

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 1.1 to 2.2.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 2.1.

Little Bayou de Chien 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)
The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 10.1 to 12.3.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 6.2.

Little Cypress Creek 0.0 to 2.0 — Graves County
Into Obion Creek — Segment Length: 2.0
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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 2.0.

Tennessee-Mississippi-Cumberland Basin Unit
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Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 1.8.

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

Based upon the assessed reach, the river miles for this segment have been changed. The segment was formerly 0.0 to 3.4.

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

This segment is a combination of two former segments, 8.2 to 13.5 and 13.5 to 14.8. Also, the river miles for this segment have been changed to reflect the National Hydrography Dataset.

Mayfield Creek 20.4 to 36.1 — McCracken County
Into Mississippi River — Segment Length: 15.7
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 Dataset. The segment was formerly 19.2 to 32.9.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 32.9 to 34.9.

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; Loss of Riparian Habitat; Rural (Residential Areas); Source Unknown; Channelization

This segment is a combination of two former segments, 34.9 to 37.6 and 37.6 to 40.8. Also, the river miles for this segment have been changed to reflect the National Hydrography Dataset.

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 — Carlisle 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)

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 57.7 to 59.8.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 6.4.

Obion Creek 0.0. to 16.5 — Fulton County
Into Mississippi River — Segment Length: 16.5
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 Dataset. The segment was formerly 1.3 to 15.8.

Obion Creek 40.8 to 44.2 — Hickman County
Into Mississippi River — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Channelization; Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 38.6 to 42.0.

A conceptual plan has been drafted and submitted to the Fees In-Lieu of (FILO) Mitigation Review Team (MRT). The MRT will meet during the Spring of 2008 and make a decision on the Obion Creek restoration project. Funds in the amount of $547,000 have been requested. The Nature Conservancy (TNC) has worked with several landowners in the Obion Creek and Bayou de Chien watersheds to plant bottomland hardwoods, restore riparian cover and to install filter strips. TNC has also been approved for a State Wildlife Grant to implement BMPs within the two watersheds.

Obion Creek 44.2 to 49.8 — Hickman County
Into Mississippi River — Segment Length: 5.6
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 Dataset. The segment was formerly 42.0 to 47.6.

Obion Creek 49.8 to 55.7 — Graves County
Into Mississippi River — Segment Length: 5.9
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 Dataset. The segment was formerly 47.6 to 56.0.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 2.2.

Relict (Natural Channel) Mayfield Creek 17.4 to 20.4 — Carlisle County
Into Mayfield Creek — Segment Length: 3.0
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)

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 15.3.

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

Based upon topographic maps, this segment was redefined. It was formerly Shawnee Creek Slough 8.9 to 17.9.

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 river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 3.0. 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: 2.0
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)

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 2.0 to 7.2.

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

Tennessee-Mississippi-Cumberland Basin Unit
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Truman Creek 3.2 to 4.1 — Carlisle County
Into Mayfield Creek — Segment Length: 0.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

UT to Brush Creek 0.0 to 1.9 — Hickman County
Into Brush Creek — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Phosphorus (Total); Sedimentation/Siltation; Total Kjeldahl Nitrogen (TKN)
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

UT to Mayfield Creek 0.0 to 1.0 — McCracken County
Into Mayfield Creek — Segment Length: 1.0
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

Tennessee-Mississippi-Cumberland Basin Unit
Mississippi River Basin
Streams

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	

12.4 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 5, Status of TMDLs Under Development Prior to 2008.

Based upon the assessed reach, the river miles for this segment have been changed. The segment was formerly 0.0 to 6.5.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 3.4.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 3.4 to 11.0.

Little Bayou Creek 0.0 to 7.2 — McCracken County
Into Ohio River — Segment Length: 7.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Beta particles and photon emitters; Copper; Gross Alpha; Lead; Cause Unknown
Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 6.5.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 3.6 to 4.2.

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

UT to West Fork of Massac Creek 1.75 to 2.0 — McCracken County
Into West Fork of Massac Creek — Segment Length: 0.25
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Ammonia (Total)
Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

12.5 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); Fish Consumption (Partial Support)	
Pollutant(s):	Methylmercury; Nutrient/Eutrophication Biological Indicators; Oxygen, Dissolved	
Suspected Sources:	Atmospheric Deposition - Toxics; Internal Nutrient Recycling; Non-irrigated Crop Production; Rural (Residential Areas); Shallow Lake/Reservoir Basin	

12.6 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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 0.7.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 3.1 to 6.3.

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): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
Suspected Sources: Municipal Point Source Discharges; Source Unknown

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

The 2006 Integrated Report listing for Bee Creek from river mile 0.0 to 1.8 has been split into two segments, 0.0 to 0.7 and 0.7 to 2.0. Also, the river miles have been changed to reflect the National Hydrography Dataset.

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 5, Status of TMDLs Under Development Prior to 2008.

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

The 2006 Integrated Report listing for Bee Creek from river mile 0.0 to 1.8 has been split into two segments, 0.0 to 0.7 and 0.7 to 2.0. Also, the river miles have been changed to reflect the National Hydrography Dataset.

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 5, Status of TMDLs Under Development Prior to 2008.

This segment has been renamed from the 2006 Integrated Report listing. It was formerly Blizzard Pond into West Fork Clarks River.

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 5, Status of TMDLs Under Development Prior to 2008.

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: 3.0
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 5, Status of TMDLs Under Development Prior to 2008.

Tennessee-Mississippi-Cumberland Basin Unit
Tennessee River Basin
Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 5.0 to 12.7.

Clarks River 13.2 to 20.6 — McCracken County
Into Tennessee River — Segment Length: 7.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Escherichia coli; Iron; Lead
Suspected Sources: Source Unknown

Clarks River 34.8 to 42.6 — Marshall County
Into Tennessee River — Segment Length: 7.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nitrate/Nitrite (Nitrite + Nitrate as N); Phosphorus (Total); Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/destabilization

Clarks River 50.9 to 55.6 — 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): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 50.9 to 59.9.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 59.9 to 61.9.

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.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.8 to 3.3.

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.

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 5, Status of TMDLs Under Development Prior to 2008.
The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 3.3 to 7.1.

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.

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

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
Into Tennessee River — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators;
Suspected Sources: Loss of Riparian Habitat; Source Unknown

Cypress Creek 7.7 to 9.7 — Marshall County
Into Tennessee River — Segment Length: 2.0
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

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 5.5.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 5.5 to 10.3.

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
Based upon the assessed reach, the segment length has been adjusted from the 2006 Integrated Report. It was formerly 6.2 to 18.0.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.2 to 6.6.

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 5, Status of TMDLs Under Development Prior to 2008.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 2.7 to 4.9.

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: 3.0
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

Spring Creek 0.0 to 2.0 — Graves County
Into West Fork of Clarks River — Segment Length: 2.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Channelization

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 1.8.

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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Oxygen, Dissolved;
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/Storm Sewers

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

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 2.6 to 10.1.

A listing error on the 2006 list had West Fork Clarks River-Old Channel from river miles 0.0 to 13.8 listed for "Cause Unknown". This listing was actually for West Fork Clarks River 0.0 to 10.4 and the unknown impairment has now been identified as iron and lead.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 12.8 to 16.8.

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 5, Status of TMDLs Under Development Prior to 2008.

This segment is a combines two former segments on the 2006 Integrated Report, 20.1 to 23.4 and 23.4 to 27.3. Also, the river miles for this segment have been changed to reflect the National Hydrography Dataset.

West Fork of Clarks River (Relict Channel) 19.7 to 22.7 — Marshall County
Into West Fork Clarks River Ditch — Segment Length: 3.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Methylmercury
Suspected Sources: Source Unknown

12.7 Upper Cumberland River Basin Streams

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: Subsurface (Hardrock) Mining; Surface Mining

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

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; Organic Enrichment (Sewage) Biological Indicators; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Municipal Point Source Discharges; Source Unknown

Beaver Creek 16.6 to 34.5 — Wayne County
Into Cumberland River — Segment Length: 17.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance
Suspected Sources: Petroleum/natural Gas Activities

Becks Creek 0.0 to 4.0 — Whitley County
Into Jellico Creek — Segment Length: 4.0
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.

Bee Lick 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)

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 5.1

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; Silviculture Harvesting; Streambank Modifications/destabilization; Subsurface (Hardrock) Mining; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 2.8.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 44.9 45.4.

This OSRW segment contains a federally threatened and endangered species.

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

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

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; Sulfates
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/modification; Loss of Riparian Habitat; Residential Districts

Cannon Creek 0.0 to 1.8 — Bell County
Into Yellow Creek — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Dredging (E.g., for Navigation Channels); Loss of Riparian Habitat

Clear Fork 17.0 to 19.4 — Whitley County
Into Cumberland River — Segment Length: 2.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Specific Conductance
Suspected Sources: Loss of Riparian Habitat; Surface Mining

Clover Fork 9.2 to 15.5 — Harlan County
Into Cumberland River — Segment Length: 6.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Heap-leach Extraction Mining, Source Unknown

Clover Fork 15.5 to 18.2 — Harlan County
Into Cumberland River — Segment Length: 2.7
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Specific Conductance
Suspected Sources: Silviculture Activities, Surface Mining; Sewage Discharges in Unsewered Areas

Clover Fork 18.2 to 28.2 — Harlan County
Into Cumberland River — Segment Length: 10.0
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Heap-leach Extraction Mining, Source Unknown

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

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

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: Heap-leach Extraction Mining, Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 29.1 to 30.3.

Cloverlick Creek 0.0 to 5.0 — Harlan County
Into Cumberland River — Segment Length: 5.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sulfates; Total Suspended Solids (TSS)
Suspected Sources: Urban Runoff/Storm Sewers, Municipal Point Source Discharges, Loss of Riparian Habitat; Channelization

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: 1.0
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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 1.9 to 2.5.

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 4.8 to 13.8.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 13.8 to 16.9.

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 river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 660.1 to 666.7.

The iron impairment is associated with siltation.

Tennessee-Mississippi-Cumberland Basin Unit
Upper Cumberland River Basin
Streams

Cumberland River 671.9 to 682.3 — Harlan County
Into Ohio River — Segment Length: 10.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance
Suspected Sources: Surface Mining

East Fork of Lynn Camp Creek 0.0 to 4.5 — Knox County
Into Lynn Camp Creek — Segment Length: 4.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Site Clearance (Land Development or Redevelopment)

Elk Spring Creek 0.0 to 7.8 — Wayne County
Into Beaver Creek — Segment Length: 7.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Ewing Creek 0.1 to 2.9 — Harlan County
Into Cumberland River — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 2.7.

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: Dredging Mining

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 2.1 to 2.3.

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; Sulfates
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Hatchell Branch 0.0 to 1.0 — McCreary County
Into Eagle Creek — Segment Length: 1.0
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

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

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

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: 6.0
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

Based upon the assessed reach, the river miles for this segment have been adjusted. The segment was formerly 0.0 to 3.4.

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

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 10.3 to 13.9.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 2.3.

This segment was listed as impaired by an Unknown Cause in the 2006 Integrated Report. This impairment has been identified as Temperature, water.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 24.9 to 27.9.

This segment was listed as impaired by an Unknown Cause in the 2006 Integrated Report. This impairment has been identified as Nutrient/Eutrophication Biological Indicators.

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

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 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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 36.6 to 46.3.

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

Left Fork Straight Creek 0.0 to 13.1 — Laurel County
Into Lake Cumberland — Segment Length: 13.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support); Secondary Contact Recreation (Partial support)
Pollutant(s): Sedimentation/ Siltation; Total Suspended Solids (TSS); Turbidity; pH
Suspected Sources: Coal Mining, Upstream Source; Crop Production (Crop Land or Dry Land)

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 13.1.

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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators;
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

Little Clear Creek 0.0 to 10.9 — Bell County
Into Laurel 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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 10.4.

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):	Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
Suspected Sources:	Agriculture; Municipal (Urbanized High Density Area); Non-Point Source; Source Unknown; Upstream Source

See Chapter 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 8.3.

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 8.3 to 12.7.

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 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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 12.4 to 14.6.

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 14.6 to 22.8.

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)

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

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

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 4.5.

Lynn Camp Creek 4.5 to 10.5 — Whitley County
Into Laurel River — Segment Length: 6.0
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)

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 4.6 to 10.7.

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: 3.0
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Silviculture Activities

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 13.3 to 16.3.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 10.1 to 15.5.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 18.0 to 27.4.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 6.8.

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)

The Kentucky Division of Abandoned Mine Lands allocated $264,695 in federal AML funds for reclamation projects in the Cane Branch watershed, a direct tributary to Middle Fork Beaver Creek (1998).

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: Site Clearance (Land Development or Redevelopment)

See Chapter 7, Segments Planned for Monitoring During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 3.6.

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)

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 5.1.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 4.0 to 5.7.

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; Oxygen, Dissolved; Organic Enrichment (Sewage) Biological Indicators;
Suspected Sources: Agriculture; Loss of Riparian Habitat; Municipal Point Source Discharges

Poor Fork 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: Site Clearance (Land Development or Redevelopment), Rural (Residential Areas)

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 5, Status of TMDLs Under Development Prior to 2008.

Raleigh Fork 0.0 to 1.1 — Letcher County
Into South Fork of Colliers Creek — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Specific Conductance; Total Dissolved Solids
Suspected Sources: Coal Mining

Renfro Creek 0.0 to 3.0 — Rockcastle County
Into Roundstone Creek — Segment Length: 3.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators;
Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Silviculture Activities; Urban Runoff/Storm Sewers

KDOW awarded $282,892 Section 319(h) Grant funds (FFY2001) to the Kentucky Chapter of The Nature Conservancy to install and demonstrate agricultural BMPs in the Roundstone Creek watershed.

Richland Creek 0.0 to 6.3 — Knox County
Into South Fork of Cumberland River — Segment Length: 6.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Iron; Dissolved Oxygen Saturation
Suspected Sources: Coal Mining, Legacy coal extraction, Urban Runoff/Storm Sewers

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 6.2.

Roaring Paunch Creek 7.8 to 15.6 — McCreary County
Into South Fork of Cumberland River — Segment Length: 7.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): pH
Suspected Sources: Acid Mine Drainage; Legacy coal extraction

KDOW awarded $280,978 Section 319(h) Grant funds (FFY2006) to the McCreary County Water District to develop a Watershed Plan for Roaring Paunch Creek and other subwatersheds in the South Fork Cumberland River watershed.

Rock Creek 16.5 to 21.5 — McCreary County
Into South Fork of Cumberland River — Segment Length: 5.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Methylmercury
Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 16.6 to 21.9.

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. Additionally, between 1999 and 2005, the Rockcastle County Health Department installed 71 onsite wastewater treatment systems in the Brush and Crooked Creek watersheds (tributaries of Roundstone Creek).

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 16.9 to 23.7.

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. Additionally, between 1999 and 2005, the Rockcastle County Health Department installed 71 onsite wastewater treatment systems in the Brush and Crooked Creek watersheds (tributaries of Roundstone Creek).

Ryans Creek 0.0 to 5.3 McCreary County
Into Rockcastle River Segment Length: 5.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Total Suspended Solids (TSS)
Suspected Sources: Heap-leach Extraction 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: Heap-leach Extraction Mining; Source Unknown

This OSRW segment contains a federally threatened and endangered species.

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 5, Status of TMDLs Under Development Prior to 2008.

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

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 5, Status of TMDLs Under Development Prior to 2008.

This segment is a combination of two former segments listed on the 2006 integrated Report, 20.8 to 21.5 and 21.5 to 25.5. Also, the river miles for this segment have been changed to reflect the National Hydrography Dataset.

Stevenson Branch 0.0 to 1.9 — Bell County
Into Yellow Creek Bypass — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Silviculture Harvesting; Surface Mining

Stinking Creek 0.0 to 2.1 — Knox County
Into Cumberland River — Segment Length: 2.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
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 12.4 — Knox County
Into Cumberland River — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Sulfates
Suspected Sources: Coal Mining; Loss of Riparian Habitat; Wildlife Other than Waterfowl; Woodlot Site Clearance

KDOW awarded $63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.

Stoney Fork 0.0 to 2.3 — 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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 2.4.

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

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 5.2.

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; Sulfates; Specific Conductance
Suspected Sources: Loss of Riparian Habitat; Rural (Residential Areas); Surface Mining; Channel Erosion/Incision from Upstream Hydromodifications

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 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; Sulfates
Suspected Sources: Channelization; Golf Courses; Legacy coal extraction; Loss of Riparian Habitat

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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators;
Suspected Sources: Post-development Erosion and Sedimentation; Rural (Residential Areas); Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly 0.0 to 1.1.

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 5, Status of TMDLs Under Development Prior to 2008.

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.

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: 1.0
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Suspended Solids (TSS); Turbidity
Suspected Sources: Agriculture

White Oak Creek 0.0 to 4.2 — Laurel County
Into Rock Creek — Segment Length: 4.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Iron
Suspected Sources: Coal Mining

See Chapter 7, Segments Planned for Monitoring During 2009.

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

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)

Also, see Chapter 5, Status of TMDLs Under Development Prior to 2008, and Chapter 9. TMDLs Planned for Public Notice During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Dataset. The segment was formerly river mile 1.0 to 2.5.

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. The London Utility Commission is using local funding for rehabilitation of collection system to prevent sanitary sewer overflows.

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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Specific Conductance; Total Dissolved Solids
Suspected Sources: Surface Mining; Unspecified Domestic Waste; Urban Runoff/Storm Sewer

This segment is a combination of two former segments listed on the 2006 Integrated Report, 0.0 to 0.8 and 0.8 to 8.9. Also, the river miles for this segment have been changed to reflect the National Hydrography Dataset.

12.8 Upper Cumberland Basin Lakes

Corbin City Reservoir — Laurel County
Into Laurel River — Acres: 139
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
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 - Toxic

Green-Tradewater Basin Unit
Green River Basin
Streams

Chapter 13. Green-Tradewater Basin Unit 303(d) List

13.1 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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 17.2.

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, additionally, 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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 17.2 to 26.3.

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, additionally, siltation in the Bacon Creek watershed.

Bacon Creek 27.1 to 32.6 — Hart County
Into Nolin River — Segment Length: 5.5
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

See Chapter 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 26.3 to 31.2.

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, additionally, 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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 110.0 to 124.3.

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

Green-Tradewater Basin Unit
Green River Basin
Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 3.3 to 7.1.

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

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 14.5 to 22.3.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 22.3 to 31.7.

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

Green-Tradewater Basin Unit
Green River Basin
Streams

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); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Source Unknown; Streambank Modifications/destabilization

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

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 Brush Creek 7.1 to 13.0 — Green County
Into Green River — Segment Length: 5.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 3.0 to 8.2.

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 13.9 to 17.8 Green County
Into Green River Segment Length: 3.9
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

Big Pitman Creek 17.8 to 23.65 Taylor County
Into Green River Segment Length: 5.85
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

Big Pitman Creek 27.5 to 32.6 Taylor County
Into Green River Segment Length: 5.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Habitat Modification - other than Hydromodification; Loss of Riparian Habitat; Streambank Modifications/destabilization

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 26.9 to 32.0.

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 Reedy Creek 7.2 to 12.4 — Butler County
Into Green River — Segment Length: 5.2
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 7.5 to 13.6.

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): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Cause Unknown
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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.9.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.2.

Green-Tradewater Basin Unit
Green River Basin
Streams

Brush Creek 0.0 to 2.15 — Green County
Into Big Brush Creek — Segment Length: 2.15
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.8.

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 6, Segments Planned for Monitoring During 2008.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.3 to 7.4.

Green-Tradewater Basin Unit
Green River Basin
Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 14.0 to 20.0.

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 5, Status of TMDLs Under Development Prior to 2008.

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.

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: Managed Pasture Grazing

Green-Tradewater Basin Unit
Green River Basin
Streams

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; Sedimentation/Siltation; Phosphorus (Total)
Suspected Sources: Channelization; Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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.

Caney Creek 0.0 to 3.6 — Muhlenberg County
Into Pond Creek — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.5.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 3.5 to 7.5.

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

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

Green-Tradewater Basin Unit
Green River Basin
Streams

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.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.0 to 3.1.

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

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

Green-Tradewater Basin Unit
Green River Basin
Streams

Craborchard Creek 0.0 to 4.6 — Hopkins County
Into Drakes Creek — Segment Length: 4.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Sedimentation/Siltation; Sulfates; Total Dissolved Solids
Suspected Sources: Agriculture; Habitat Modification - other than Hydromodification; Petroleum/natural Gas Production Activities (Permitted); Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2008.

The Kentucky Division of Abandoned Mine Lands has allocated $80,777 (2006) in federal AML funds for reclamation projects in the Craborchard Creek watershed.

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 5, Status of TMDLs Under Development Prior to 2008.

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.

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 (Partial Support); Primary Contact Recreation Water (Partial Support); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; pH
Suspected Sources: Acid Mine Drainage; Coal Mining (Subsurface); Source Unknown; Surface Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008, Chapter 7, Segments Planned for Monitoring During 2009, and Chapter 8, TMDLs Planned for Public Notice During 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 23.1 to 25.4.

Green-Tradewater Basin Unit
Green River Basin
Streams

Cypress Creek 26.5 to 33.3 — Muhlenberg County
Into Pond River — Segment Length: 6.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): pH; Total Dissolved Solids
Suspected Sources: Acid Mine Drainage

See Chapter 5, Status of TMDLs Under Development Prior to 2008, Chapter 7, Segments Planned for Monitoring During 2009 and Chapter 8, TMDLs Planned for Public Notice During 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 25.4 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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 8.2.

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; Channelization; Habitat Modification - other than Hydromodification; Source Unknown

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Green-Tradewater Basin Unit
Green River Basin
Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.9 to 3.7.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.0.

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 5, Status of TMDLs Under Development Prior to 2008.

Green-Tradewater Basin Unit
Green River Basin
Streams

East Fork of Little Barren River 0.0 to 15.9 — Metcalfe County
Into Little Barren River — Segment Length: 15.9
Impaired Use(s): Primary Contact Recreation Water (Partial Support); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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 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); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Solids (Suspended/Bedload)
Suspected Sources: Agriculture; Loss of Riparian Habitat; Source Unknown

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

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.

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

Green-Tradewater Basin Unit
Green River Basin
Streams

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)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.5 to 10.6.

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

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.

The 2006 list indicated the pollutant Total Dissolved Solids, which has now been identified as Specific Conductance. The Kentucky Division of Abandoned Mine Lands allocated $59,830 (2000) and $535,000 (2002) in federal AML funds for reclamation projects in the Flat Creek watershed. The total value of the reclamation work from private and federal resources exceeds $3.0 million.

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); Sulfates; Total Dissolved Solids
Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production; Petroleum/natural Gas Production Activities (Permitted); Surface Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.6.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.9.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 8.0.

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Grassy Creek 2.1 to 4.4 — Ohio County
Into Rough River — Segment Length: 2.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Dredging (E.g., for Navigation Channels); Loss of Riparian Habitat; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.8 to 2.9.

Green-Tradewater Basin Unit
Green River Basin
Streams

Green River 71.9 to 94.4 — Muhlenberg County
Into Ohio River — Segment Length: 22.5
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Green River 210.5 to 250.3 — Hart County
Into Ohio River — Segment Length: 39.8
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Mercury in Fish Tissue
Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 207.8 to 246.4.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.2.

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; Solids (Suspended/Bedload)
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 3.9 to 10.2.

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)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 7.4.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.6.

Green-Tradewater Basin Unit
Green River Basin
Streams

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)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.0.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.5.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.4.

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 5, Status of TMDLs Under Development Prior to 2008.

Green-Tradewater Basin Unit
Green River Basin
Streams

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 5, Status of TMDLs Under Development Prior to 2008. The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 9.0.

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

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

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Green-Tradewater Basin Unit
Green River Basin
Streams

Little Barren River 9.8 to 15.7 — Green County
Into Green River — Segment Length: 5.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 8.8.

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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)

The river miles for this segment have been expanded. This segment was formerly 10.7 to 11.4.

Little Brush Creek 3.2 to 13.2 — Green County
Into Big Brush Creek — Segment Length: 10
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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Green-Tradewater Basin Unit
Green River Basin
Streams

Little Cypress Creek 0.0 to 10.1 — Muhlenberg County
Into Pond River — Segment Length: 10.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Sulfates; 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); Surface Mining; Unspecified Urban Stormwater

See Chapter 7, Segments Planned for Monitoring During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 9.2.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.9 to 6.4.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 6.4 to 12.9.

Little Pitman Creek 0.0 to 10.1 — Taylor County
Into Big Pitman Creek — Segment Length: 10.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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 Pitman Creek 10.1 to 11.2 — Taylor County
Into Big Pitman Creek — Segment Length: 1.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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Little Russell Creek 0.0 to 5.1 — Green County
Into Green River — Segment Length: 5.1
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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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; Sulfates; 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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 7.5.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.5 to 11.8.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.5 to 6.9.

Lynn Camp Creek 0.0 to 8.3 — Hart County
Into Green River — Segment Length: 8.3
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.0.

Meeting Creek 5.2 to 14.0 — Hardin County
Into Rough River (Reservoir) — Segment Length: 8.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

Middle Fork of Drakes Creek 0.0 to 7.8 — Warren County
Into Drakes Creek — Segment Length: 7.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators
Suspected Sources: Agriculture; Loss of Riparian Habitat

Green-Tradewater Basin Unit
Green River Basin
Streams

Middle Pitman Creek 0.0 to 7.7 — Green County
Into Big Pitman Creek — Segment Length: 7.7
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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Middle Pitman Creek 8.2 to 10.1 — Taylor County
Into Big Pitman Creek — Segment Length: 1.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.8.

Green-Tradewater Basin Unit
Green River Basin
Streams

Mud River 0.0 to 9.1 — Muhlenberg County
Into Green River — Segment Length: 9.1
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): PCBs in Fish Tissue
Suspected Sources: Industrial Point Source Discharge

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 9.0.

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; PCBs in Fish Tissue
Suspected Sources: Source Unknown; Industrial Point Source Discharge

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 9.0 to 30.5.

The 2006 list indicated the pollutant Other, which has now been identified as Iron.

Mud River 30.9 to 52.2 — Logan County
Into Green River — Segment Length: 21.3
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): PCBs in Fish Tissue
Suspected Sources: Industrial Point Source Discharge

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 30.5 to 38.9.

Mud River 52.2 to 64.0 — Logan County
Into Green River — Segment Length: 11.8
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): PCBs in Fish Tissue
Suspected Sources: Industrial Point Source Discharge

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 38.9 to 67.8.

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

Green-Tradewater Basin Unit
Green River Basin
Streams

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; Sedimentation/Siltation; Oxygen, Dissolved
Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/destabilization

This segment combines two previously listed segments and the river miles have been changed to reflect the National Hydrography Data Set. This segment was formerly 8.3 to 12.1 and 12.1 to 14.9.

The 2006 list indicated the pollutant Impairment Unknown, which has now been identified as Nutrient/ Eutrophication Biological Indicators and Oxygen, Dissolved.

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

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.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.9 to 3.9.

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)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 5.9 to 9.1.

Green-Tradewater Basin Unit
Green River Basin
Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.2 to 3.9.

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

The river miles for this segment have been changed to reflect the assessed reach. This segment was formerly 0.0 to 12.4.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.8.

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

Green-Tradewater Basin Unit
Green River Basin
Streams

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 5, Status of TMDLs Under Development Prior to 2008.

This segment combines two previously listed segments and the river miles have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.2 to 6.0 and 6.1 to 9.7.

The 2006 list for these segments indicated the pollutant Impairment Unknown, which has now been identified as Nutrient/ Eutrophication Biological Indicators, and Sedimentation/Siltation.

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 5, Status of TMDLs Under Development Prior to 2008.

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

Green-Tradewater Basin Unit
Green River Basin
Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.2.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.7.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.7

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 5, Status of TMDLs Under Development Prior to 2008. The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.7 to 5.6.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 17.1 to 19.5.

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)

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.

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

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.

Pleasant Run 0.0 to 2.0 — Hopkins County
Into Drakes Creek — Segment Length: 2.0
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Habitat Modification – other than Hydromodification

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

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.5.

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

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.5 to 4.3.

Green-Tradewater Basin Unit
Green River Basin
Streams

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; Sulfates; 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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.9 to 7.5.

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; Sulfates; Total Dissolved Solids
Suspected Sources: Acid Mine Drainage; Channelization; Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted); Petroleum/Natural Gas Activities; Streambank Modifications/ destabilization; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.5 to 11.7.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 11.7 to 14.3.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 14.3 to 18.1.

Green-Tradewater Basin Unit
Green River Basin
Streams

Pond Creek 18.1 to 22.1 — Muhlenberg County
Into Green River — Segment Length: 4.0
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/ Eutrophication Biological Indicators; Sedimentation/Siltation; Specific Conductance; Sulfates
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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 18.1 to 21.4.

The 2006 list indicated the pollutant Impairment Unknown, which has now been identified as Nutrient/ Eutrophication Biological Indicators.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.0.

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

The Kentucky Division of Abandoned Mine Lands allocated $59,830 (2000) and $535,000 (2002) in federal AML funds for reclamation projects in the Flat Creek watershed, a direct tributary to this impaired segment of Pond River. The total value of the reclamation work in the Flat Creek watershed from private and federal resources exceeds $3.0 million.

Green-Tradewater Basin Unit
Green River Basin
Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 69.1 to 79.7.

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; Sulfates; 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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.3.

The Kentucky Division of Abandoned Mine Lands has allocated $585,359 (2001) in federal AML funds for reclamation projects in the Renders Creek watershed.

Rhodes Creek 0.0 to 1.9 — Daviess County
Into Green River — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production; Unspecified Urban Stormwater

Rhodes Creek 0.0 to 2.2 — Daviess County
Into Panther Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Phosphorus (Total)
Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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 5, Status of TMDLs Under Development Prior to 2008.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.2.

Robinson Creek 8.8 to 10.8 — Taylor County
Into Green River (Reservoir) — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Agriculture; Non-Point Source

Rough River 0.0 to 10.4 — McLean County
Into Green River — Segment Length: 10.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Iron; Lead
Suspected Sources: Source Unknown

Rough River 55.1 to 64.3 — Ohio County
Into Green River — Segment Length: 9.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Iron
Suspected Sources: Source Unknown

Rough River 125.2 to 149.4 — Hardin County
Into Green River — Segment Length: 24.2
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

Russell Creek 23.8 to 40.0 — Adair County
Into Green River — Segment Length: 16.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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.

Russell Creek 60.4 to 66.3 — Adair County
Into Green River — Segment Length: 5.9
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.3.

Green-Tradewater Basin Unit
Green River Basin
Streams

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

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.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.2 to 5.9.

South Fork of Little Barren River 0.0 to 23.1 — Metcalfe County
Into Little Barren River — Segment Length: 23.1
Impaired Use(s): Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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

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); 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; Source Unknown

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

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 5, Status of TMDLs Under Development Prior to 2008.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.4 to 9.6.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 9.6 to 13.5.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 13.5 to 17.7.

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 7, Segments Planned for Monitoring During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.0 to 4.1.

Sulphur Creek 0.0 to 10.7 — Adair County
Into Russell Creek — Segment Length: 10.7
Impaired Use(s): Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform
Suspected Sources: Source Unknown

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

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

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 6.6 to 9.7.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.0 to 3.8.

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

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

Taylor Fork 0.0 to 4.0 — Grayson County
Into Bear Creek — Segment Length: 4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Managed Pasture Grazing; Unspecified Urban Stormwater

Three Lick Fork 0.0 to 3.3 — Ohio County
Into Muddy Creek — Segment Length: 3.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Green-Tradewater Basin Unit
Green River Basin
Streams

Town Branch 0.0 to 6.2 — Logan County
Into Mud River — Segment Length: 6.2
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): PCBs in Fish Tissue
Suspected Sources: Industrial Point Source Discharge

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

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

UT to Cool Springs Creek 0.0 to 1.6 — 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

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

UT to Cypress Creek 0.0 to 1.4 — Muhlenberg County
Into Cypress Creek — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater

See Chapter 7, Segments Planned for Monitoring During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.6.

Green-Tradewater Basin Unit
Green River Basin
Streams

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

UT to Drakes Creek 0.0 to 2.2 — Hopkins County
Into Drakes Creek — Segment Length: 2.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation
Suspected Sources: Channelization; Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

UT to Elk Creek 0.0 to 1.0 — 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

The Kentucky Division of Abandoned Mine Lands allocated $59,830 (2000) and $535,000 (2002) in federal AML funds for reclamation projects in the Flat Creek watershed. The total value of the reclamation work from private and federal resources exceeds $3.0 million.

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)

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.3.

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 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

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.5.

Green-Tradewater Basin Unit
Green River Basin
Streams

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 8.0 to 10.3.

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)

This segment combines two previously listed segments and the river miles have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 9.9 and 9.9 to 23.4.

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)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.6 to 8.9.

Green-Tradewater Basin Unit
Green River Basin
Streams

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)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly19.6 to 26.0.

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 5, Status of TMDLs Under Development Prior to 2008.

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

The river miles for this segment have been expanded to reflect the assessed segment. This segment was formerly 3.3 to 13.7.

13.2. 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

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

Graham Spring (9000-0051) — 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

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

Mill Spring (9000-1193) — 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

KDOW awarded $541,961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a $110 million stream buffer initiative program for land easement purchase and BMP installation.

Caneyville City Reservoir — 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

13.4 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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 17.3.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.5 to 1.9.

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

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

Green-Tradewater Basin Unit
Ohio River Basin
Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 3.6 to 8.0.

The Kentucky Division of Abandoned Mine Lands allocated $418,048 (2003) in federal AML funds for reclamation projects in Little Yellow, Butchers and Driskell watersheds, tributaries to this impaired segment of Blackford Creek.

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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Zinc
Suspected Sources: Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges; 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 3.9.

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)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.6 to 9.5.

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)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.8 to 9.2.

Green-Tradewater Basin Unit
Ohio River Basin
Streams

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 7, Segments Planned for Monitoring During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 11.7.

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): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
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

See Chapter 7, Segments Planned for Monitoring During 2009.

The river miles for this segment have been expanded to reflect the assessed reach. This segment was formerly 22.7 to 23.7.

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

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.

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

Based upon the assessed segment and topographic maps, the name of this segment has been corrected from the 2006 listing. The previous listing was Cypress Creek 0.0 to 2.3 into Tradewater River.

Green-Tradewater Basin Unit
Ohio River Basin
Streams

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

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 14.0.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 7.1.

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

Green-Tradewater Basin Unit
Ohio River Basin
Streams

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

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 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; Specific Conductance; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Municipal Point Source Discharges

Based upon the assessed segment and topographic maps, the name of this segment has been corrected from the 2006 listing. The previous listing was Rush Creek 0.0 to 1.3 into Crooked Creek.

13.5 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

13.6 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); Heap-leach Extraction Mining; Non-irrigated Crop Production

The river miles for this segment have been changed to reflect the assessed reach. This segment was formerly 3.0 to 5.7.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.7.

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 8.8.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 3.5 to 7.9.

The Kentucky Division of Abandoned Mine Lands has allocated $80,777 (2006) in federal AML funds for reclamation projects in the Craborchard Creek watershed.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.2.

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been expanded to reflect the assessed reach. This segment was formerly 0.0 to 2.7.

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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators;

Suspected Sources: Channelization; Source Unknown; Surface Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 19.1 to 25.5.

The Kentucky Division of Abandoned Mine Lands has allocated $150,000 (2001) and $1,167,453 (2005) in federal AML funds for reclamation projects in the Clear Creek watershed.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 25.5 to 26.5.

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The river miles for this segment have been expanded to reflect the assessed reach. This segment was formerly 0.0 to 1.1.

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The river miles for this segment have been expanded to reflect the assessed reach. This segment was formerly 0.0 to 3.1.

The Kentucky Division of Abandoned Mine Lands allocated $359,908 (2001) in federal AML funds for reclamation projects in the Copperas Creek watershed.

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

The river miles for this segment have been expanded to reflect the assessed reach. This segment was formerly 1.4 to 8.8.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 13.2 to 15.3.

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The Kentucky Division of Abandoned Mine Lands allocated $172,851 (2000) in federal AML funds for reclamation projects in the Hurricane Creek watershed.

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

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

See Chapter 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.7 to 2.2.

The Kentucky Division of Abandoned Mine Lands allocated $172,851 (2000) in federal AML funds for reclamation projects in the Hurricane Creek watershed.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.5.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 12.1.

The Kentucky Division of Abandoned Mine Lands allocated $100,000 (2004) in federal AML funds for reclamation projects in the Lick Creek watershed.

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

The river miles for this segment have been expanded to reflect the assessed reach. This segment was formerly 0.9 to 3.9.

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 5, Status of TMDLs Under Development Prior to 2008.

The Kentucky Division of Abandoned Mine Lands allocated $1,350,045 (2003) in federal AML funds for reclamation projects in the Pond Creek watershed.

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 5, Status of TMDLs Under Development Prior to 2008.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.4.

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 16.7.

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

The river miles for this segment have been changed to reflect the assessed reach. This segment was formerly 63.1 to 93.9.

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

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

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 5, Status of TMDLs Under Development Prior to 2008 and Chapter 9, TMDLs Planned for Public Notice During 2009.

The Kentucky Division of Abandoned Mine Lands allocated $359,908 (2001) in federal AML funds for reclamation projects in the Copperas Creek watershed.

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

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

The Kentucky Division of Abandoned Mine Lands allocated $172,851 (2000) in federal AML funds for reclamation projects in the Hurricane Creek watershed.

Green-Tradewater Basin Unit
Tradewater River Basin
Streams

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; Sulfates
Suspected Sources: Crop Production (Crop Land or Dry Land); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/destabilization; Surface Mining

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

Based upon the assessed segment and topographic maps, the name of this segment has been corrected from the 2006 listing. The previous listing was UT to Unnamed Ditch at river mile 0.2 from river mile 0.2 to 1.2.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.2 to 1.2.

Based upon the assessed segment and topographic maps, the name of this segment has been corrected from the 2006 listing. The previous listing was UT to Unnamed Ditch at river mile 0.2 from river mile 0.2 to 1.2.

Ward Creek 4.9 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: 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 4.9 to 10.1.

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 5, Status of TMDLs Under Development Prior to 2008.

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

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.2.

Chapter 14. Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List

14.1 Big Sandy River Basin Streams

Arkansas Cr. 0.0 to 3.6 — Floyd County
Into Beaver Creek — Segment Length: 3.6
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Phosphorus (Total); Sulfates; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Surface Mining; Unspecified Urban Stormwater

See Chapter 6, Segments Planned for Monitoring During 2008.

Arnold Fk. 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): Sedimentation/Siltation; Sulfates; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining; Unspecified Urban Stormwater

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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: Subsurface (Hardrock) Mining; Surface Mining

Bear Cr. 0.0 to 1.9 — Lawrence County
Into Big Sandy River — Segment Length: 1.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform
Suspected Sources: Animal Feeding Operations (NPS); Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Beaver Cr. 0.0 to 7.1 — Floyd County
Into Levisa Fork Big Sandy River — Segment Length: 7.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2008.

Big Cr. 0.0 to 1.9 — Pike County
Into Tug Fork — 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 Cr. 7.3 to 10.7 — Pike County
Into Tug Fork — Segment Length: 3.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Surface Mining

Big Cr. 10.7 to 15.1 — Pike County
Into Tug Fork — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Total Dissolved Solids
Suspected Sources: 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

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Big Mine Cr. 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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; pH;
Suspected Sources: Agriculture; Inappropriate Waste Disposal; Silviculture Activities; Subsurface (Hardrock) Mining; Surface Mining

Big Mine Cr. 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 R. 0.0 to 27.1 — Boyd County
Into Ohio River — Segment Length: 27.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Coal Mining; Habitat Modification - other than Hydromodification

Bill D Br. 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): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining; Unspecified Urban Stormwater

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Blaine Cr. 8.1 to 17.4 — Lawrence County
Into Big Sandy River — Segment Length: 9.3
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; On-site Treatment Systems (Septic Systems and Similar DecentralizedSystems); Post-development Erosion and Sedimentation; Streambank Modifications/destabilization

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Blaine Cr. 35.0 to 40.8 — Lawrence County
Into Big Sandy River — Segment Length: 5.8
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Blaine Cr. 41.6 to 43.0 — Lawrence County
Into Big Sandy River — Segment Length: 1.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Heap-leach Extraction Mining

Blaine Cr. 44.0 to 48.4 — Lawrence County
Into Big Sandy River — Segment Length: 4.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; pH;
Suspected Sources: Agriculture; Inappropriate Waste Disposal; Silviculture Activities; Subsurface (Hardrock) Mining; Surface Mining

Brushy Fk. 0.0 to 10.0 — Pike County
Into Johns Creek — Segment Length: 10
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; Source Unknown; 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.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Buck Br. 0.0 to 2.8 — Floyd County
Into Beaver Creek — Segment Length: 2.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Sulfates
Suspected Sources: Habitat Modification - other than Hydromodification; Heap-leach Extraction Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Unspecified Urban Stormwater

See Chapter 6, Segments Planned for Monitoring During 2008.

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: Subsurface (Hardrock) Mining; Surface Mining

Caleb Fk. 0.0 to 1.2 — Floyd County
Into Left Fork Beaver Creek — Segment Length: 1.2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Ammonia (Un-ionized); Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Phosphorus (Total); Sedimentation/Siltation; Sulfates; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar DecentralizedSystems); Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining; Unspecified Urban Stormwater

See Chapter 6, Segments Planned for Monitoring During 2008.

Clear Cr. 0.0 to 4.9 — Floyd County
Into Left Fork Beaver Creek — Segment Length: 4.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Sulfates; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining; Unspecified Urban Stormwater

See Chapter 6, Segments Planned for Monitoring During 2008.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Coldwater Fk. 2.1 to 8.8 — Martin County
Into Middle Fork Rockcastle Creek — Segment Length: 6.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Sulfates; 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 Cr. 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; Sulfates; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Managed Pasture Grazing; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Elkhorn Cr. 0.0 to 10.6 — Pike County
Into Russell Fork — Segment Length: 10.6
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: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Surface Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

KDOW awarded $369,700 Section 319(h) Grant funds (FFY2007) to the Elkhorn City Area Heritage Council to develop and begin implementing a Watershed Plan in the Elkhorn Creek watershed.

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)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/Siltation; Sulfates; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining; Unspecified Urban Stormwater

See Chapter 6, Segments Planned for Monitoring During 2008.

Georges Cr. 0.0 to 0.9 — Lawrence County
Into Levisa Fork Big Sandy River — Segment Length: 0.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Subsurface (Hardrock) Mining; Surface Mining

Goose Cr. 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; Sulfates
Suspected Sources: Habitat Modification - other than Hydromodification; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Greasy Cr. 0.0 to 4.8 — Johnson County
Into Levisa Fork — Segment Length: 4.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators;
Suspected Sources: Municipal Point Source Discharges; Subsurface (Hardrock) Mining; Surface Mining

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: Heap-leach Extraction Mining; Landfills; Silviculture Activities; Unspecified Urban Stormwater

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Ice Dam Cr. 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; Sulfates
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 Cr. 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; Sulfates; 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 Cr. 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): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Streambank Modifications/destabilization; Surface Mining

Island Cr. 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

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)
Pollutant(s): Cause Unknown; Sedimentation/Siltation; Sulfates
Suspected Sources: Coal Mining; Source Unknown

See Chapter 6, Segments Planned for Monitoring During 2008.

Based upon topographic maps, the name of this segment has been corrected from the 2006 listing. The previous listing was Jacks Branch 0.0 to 4.4 into Left Fork Beaver Creek.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

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: Site Clearance (Land Development or Redevelopment); Subsurface (Hardrock) Mining; Surface Mining

KDOW awarded $134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Jennys Creek is one of five subwatersheds targeted by the RC&D for erosion control.

Johns Br. 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; Sulfates
Suspected Sources: Habitat Modification - other than Hydromodification; Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Johns Creek 0.0 to 5.8 — Floyd County
Into Levisa Fork Big Sandy River — Segment Length: 5.8
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Impacts from Hydrostructure Flow Regulation/modification; Subsurface (Hardrock) Mining; 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.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Johns Creek 24.0 to 30.7 — Pike County
Into Levisa Fork Big Sandy River — Segment Length: 6.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation
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.

Johns Creek 34.4 to 42.5 — Pike County
Into Levisa Fork Big Sandy River — Segment Length: 8.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining

Jones Fk. 0.0 to 9.4 — Knott County
Into Right Fork Beaver Creek — Segment Length: 9.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Sulfates; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Knox Cr. 0.0 to 7.9 — Pike County
Into Tug Fork — Segment Length: 7.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Partial Support)
Pollutant(s): Fecal Coliform; Sedimentation/Siltation; Temperature, water
Suspected Sources: Dredging (E.g., for Navigation Channels); Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); 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 7.6.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Left Fk. Beaver Cr. 0.0 to 11.4 — Floyd County
Into Beaver Creek — Segment Length: 11.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Sulfates; Total Dissolved Solids
Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining; Surface Mining; Unspecified Urban Stormwater

See Chapter 6, Segments Planned for Monitoring During 2008.

Left Fk. Beaver Cr. 13.6 to 18.7 — Floyd County
Into Beaver Creek — Segment Length: 5.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; 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

See Chapter 6, Segments Planned for Monitoring During 2008.

Left Fk. Blaine Cr. 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; Silviculture Activities; Subsurface (Hardrock) Mining; Surface Mining

Left Fk. Middle Cr. 0.0 to 8.4 — Floyd County
Into Levisa Fork Big Sandy River — Segment Length: 8.4
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Cause Unknown; pH; Sulfates; Total Dissolved Solids
Suspected Sources: Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Levisa Fk. 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 Fk. 65.2 to 99.9 — Johnson County
Into Big Sandy River — Segment Length: 34.7
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

Levisa Fk. 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

An illegal dumping of septage into a tributary of Levisa Fork was investigated by EPPC's Office of the Inspector General, resulting in prosecution. The discharge point was directly upstream of this impaired segment, as well as being within one mile of a municipal water intake.

Little Paint Cr. 3.2 to 6.4 — Johnson County
Into Paint Creek — Segment Length: 3.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation

Little Paint Cr. 6.4 to 11.6 — Johnson County
Into Paint Creek — Segment Length: 5.2
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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; pH;
Suspected Sources: Agriculture; Inappropriate Waste Disposal; Silviculture Activities; Subsurface (Hardrock) Mining; Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Long Br. 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

Lower Laurel Fk. 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: Heap-leach Extraction Mining; Landfills; Silviculture Activities; Source Unknown; Unspecified Urban Stormwater

Marrowbone Cr. 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

Middle Creek 0.0 to 4.5 — Floyd County
Into Levisa Fork — Segment Length: 4.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation
Suspected Sources: Source Unknown; Subsurface (Hardrock) Mining; Surface Mining

Middle Fk. Rockcastle Cr. 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; Sulfates; Total Dissolved Solids
Suspected Sources: Channelization; Dredging (E.g., for Navigation Channels); Highway/ Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining; Unspecified Urban Stormwater

Miller Cr. 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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; 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

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

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: Subsurface (Hardrock) Mining; Surface Mining

Open Fk. 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; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; pH;
Suspected Sources: Agriculture; Inappropriate Waste Disposal; Silviculture Activities; Subsurface (Hardrock) Mining; Surface Mining

Otter Cr. 0.0 to 0.5 — Floyd County
Into Left Fork Beaver Creek — Segment Length: 0.5
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Ammonia (Un-ionized); Nitrogen (Total); Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators; Phosphorus (Total); Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining; Unspecified Urban Stormwater

See Chapter 6, Segments Planned for Monitoring During 2008.

Paddle Cr. 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; Sedimentation/Siltation; Sulfates; Organic Enrichment (Sewage) Biological Indicators; 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 Cr. 0.0 to 7.9 — Johnson County
Into Levisa Fork Big Sandy River — Segment Length: 7.9
Impaired Use(s): Cold Water Aquatic Habitat (Nonsupport); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Fecal Coliform; Temperature, water
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Upstream Impoundments (e.g., Pl-566 NRCS

Panther Fk. 0.0 to 3.72 — Martin County
Into Wolf Creek — Segment Length: 3.72
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Sulfates; Total Dissolved Solids
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

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: Subsurface (Hardrock) Mining; Surface Mining

Pigeonroost Fork 0.0 to 1.3 — Martin County
Into Wolf Creek — Segment Length: 1.3
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Subsurface (Hardrock) Mining; Surface Mining

Pond Cr. 3.4 to 9.7 — Pike County
Into Tug Fork — Segment Length: 6.3
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; 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

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Puncheon Br. 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; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Production Activities (Permitted); Subsurface (Hardrock) Mining; Unspecified Urban Stormwater

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Raccoon Cr. 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 Fk. Beaver Creek 0.0 to 17.4 — Floyd County
Into Beaver Creek — Segment Length: 17.4
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport); Secondary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform; Nutrient/Eutrophication Biological Indicators; pH; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/ Siltation; Sulfates; Total Dissolved Solids
Suspected Sources: Acid Mine Drainage; Channelization; Inappropriate Waste Disposal; Loss of Riparian Habitat; Managed Pasture Grazing; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Silviculture Activities; Subsurface (Hardrock) Mining; Surface Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Right Fk. 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)
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

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Rock Fk. 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): Sedimentation/Siltation; Sulfates; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining; Unspecified Urban Stormwater

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Rockcastle Cr. 0.0 to 3.7 — Lawrence County
Into Tug Fork — Segment Length: 3.7
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Post-development Erosion and Sedimentation; Surface Mining

Rockcastle Cr. 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; Sulfates; 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

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Rockcastle Cr. 13.25 to 15.3 — Martin County
Into Tug Fork — Segment Length: 2.05
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Subsurface (Hardrock) Mining; Surface Mining

Rockhouse Fk. 0.0 to 6.3 — Martin County
Into Rockcastle Creek — Segment Length: 6.3
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

Russell Fk 0.0 to 4.2 — Pike County
Into Levisa Fork Big Sandy River — Segment Length: 4.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Salisbury Br. 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; Total Dissolved Solids; Sulfates
Suspected Sources: Habitat Modification - other than Hydromodification; Petroleum/natural Gas Production Activities (Permitted); Subsurface (Hardrock) Mining; Unspecified Urban Stormwater

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Salt Lick Cr. 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)
Pollutant(s): Cause Unknown; Sedimentation/Siltation; Sulfates
Suspected Sources: Habitat Modification - other than Hydromodification; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

The Kentucky Division of Abandoned Mine Lands has allocated $1,133,754 (2005) in federal AML funds for reclamation projects in the Lick Fork of Salt Lick Creek watershed.

Shelby Cr. 0.0 to 6.1 — Pike County
Into Levisa Fork Big Sandy River — Segment Length: 6.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Total Dissolved Solids
Suspected Sources: Surface Mining

Shelby Cr. 6.1 to 13.3 — Pike County
Into Levisa Fork Big Sandy River — Segment Length: 7.2
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators
Suspected Sources: Loss of Riparian Habitat; Septage Disposal

Simpson Br. 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)
Pollutant(s): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) mining; Unspecified Urban Stromwater

See Chapter 6, Segments Planned for Monitoring During 2008.

Sizemore Br. 0.0 to 2.0 — Floyd County
Into Left Fork Beaver Creek — Segment Length: 2
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sulfates; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Petroleum/natural Gas Production Activities (Permitted); Subsurface (Hardrock) Mining; Unspecified Urban Stormwater

See Chapter 6, Segments Planned for Monitoring During 2008.

Spewing Camp Br. 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; pH; Sulfates; Total Suspended Solids (TSS)
Suspected Sources: Surface Mining

See Chapter 6, Segments Planned for Monitoring During 2008.

The Kentucky Division of Abandoned Mine Lands has allocated $2,789,995 (2004) in federal AML funds for reclamation projects in the Spewing Camp Branch watershed.

Steele Cr. 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): Nutrient/Eutrophication Biological Indicators; Sedimentation/Siltation; Organic Enrichment (Sewage) Biological Indicators; Sedimentation/ Siltation; Sulfates; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining; Surface Mining; Unspecified Urban Stormwater

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Stephens Br. 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; Sulfates
Suspected Sources: Habitat Modification - other than Hydromodification; Industrial Point Source Discharge; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar DecentralizedSystems); Surface Mining; Unspecified Urban Stormwater

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

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: Subsurface (Hardrock) Mining; Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit
Big Sandy River Basin
Streams

Tug Fk. 10.2 to 41.6 — Martin County
Into Big Sandy River — Segment Length: 31.4
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Tug Fk. 71.9 to 77.7 — Martin County
Into Big Sandy River — Segment Length: 5.8
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Polychlorinated biphenyls
Suspected Sources: Source Unknown

Tug Fk. 78.25 to 84.4 — Pike County
Into Big Sandy River — Segment Length: 6.15
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Turkey Cr. 0.0 to 5.9 — Floyd County
Into Right Fork Beaver Creek — Segment Length: 5.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Cause Unknown; Sedimentation/Siltation; Sulfates
Suspected Sources: Habitat Modification - other than Hydromodification; Managed Pasture Grazing; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment); Subsurface (Hardrock) Mining; Surface Mining

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Upper Pidgeon Br. 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 5, Status of TMDLs Under Development Prior to 2008. KDOW awarded $369,700 Section 319(h) Grant funds (FFY2007) to the Elkhorn City Area Heritage Council to develop and begin implementing a Watershed Plan in the Elkhorn Creek watershed.

Wilson Cr. 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; Sedimentation/Siltation; Sulfates; Organic Enrichment (Sewage) Biological Indicators;
Suspected Sources: Habitat Modification - other than Hydromodification; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining; Surface Mining; Unspecified Urban Stormwater

See Chapter 5, Status of TMDLs Under Development Prior to 2008.

Wolf Cr. 0.0 to 6.5 — Martin County
Into Tug Fork — Segment Length: 6.5
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support); Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Sulfates; 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

Wolf Cr. 6.5 to 17.6 — Martin County
Into Tug Fork — Segment Length: 11.1
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation; Sulfates; 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

Wolf Cr. 17.6 to 20.5 — Martin County
Into Tug Fork — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation; Sulfates; Total Dissolved Solids
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Wolfpen Br. 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

14.2 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	

Paintsville Reservoir		Johnson County
Into Paint Creek		Acres: 1139
Impaired Use(s):	Fish Consumption (Partial Support)	
Pollutant(s):	Methylmercury	
Suspected Sources:	Source Unknown	

14.3 Little Sandy River Basin Streams

Allcorn Creek 1.4 to 3.9 — 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

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 Fk 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 (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Loss of Riparian Habitat

East Fork Little Sandy River 27.1 to 30.0 — Boyd County
Into Little Sandy River — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Loss of Riparian Habitat; Surface Mining

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

Big Sandy-Little Sandy-Tygarts Basin Unit
Little Sandy River Basin
Streams

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

Left Fk. Redwine Cr. 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 Fk. 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; Sulfates; Total Dissolved Solids
Suspected Sources: Habitat Modification - other than Hydromodification; Managed Pasture Grazing; Petroleum/natural Gas Production Activities (Permitted); Post-development Erosion and Sedimentation; Subsurface (Hardrock) Mining; Unspecified Urban Stormwater

Little Fk. Little Sandy R. 4.8 to 6.0 — Carter County
Into Little Sandy River — Segment Length: 1.2
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

Little Fk. Little Sandy R. 12.0 to 23.8 — Carter County
Into Little Sandy River — Segment Length: 11.8
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 Kentucky Division of Abandoned Mine Lands has allocated $35,000 (2005) in federal AML funds for reclamation projects in the Moore Branch watershed, a direct tributary to this impaired segment of Little Fork.

Big Sandy-Little Sandy-Tygarts Basin Unit
Little Sandy River Basin
Streams

Little Fk. Little Sandy R. 23.8 to 27.7 — Elliott County
Into Little Sandy River — Segment Length: 3.9
Impaired Use(s): Warm Water Aquatic Habitat (Nonsupport)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Channelization; Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Harvesting

Little Fk. Little Sandy R. 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

Little Sandy R. 0.0 to 0.2 — Greenup County
Into Ohio River — Segment Length: 0.2
Impaired Use(s): Primary Contact Recreation Water (Nonsupport)
Pollutant(s): Fecal Coliform
Suspected Sources: Municipal Point Source Discharges

Little Sandy R. 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 Cr. 0.0 to 1.1 — Carter County
Into Little Sandy River — Segment Length: 1.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Sedimentation/Siltation
Suspected Sources: Non-irrigated Crop Production

Middle Fk. Little Sandy R. 5.7 to 7.5 — Elliott County
Into Little Sandy River — Segment Length: 1.8
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

Big Sandy-Little Sandy-Tygarts Basin Unit
Little Sandy River Basin
Streams

Newcombe Creek 0.0 to 11.9 Elliott County
Into Little Sandy River Segment Length: 11.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown; Sedimentation/Siltation; Sulfates
Suspected Sources: Unspecified Urban Stormwater; Subsurface (Hardrock) Mining; Silviculture Harvesting; Post-development Erosion and Sedimentation; Petroleum/natural Gas Production Activities (Permitted); Mine Tailings; Managed Pasture Grazing; Impacts from Abandoned Mine Lands (Inactive); Highways, Roads, Bridges, Infrastructure (New Construction); Habitat Modification - other than Hydromodification; Crop Production (Crop Land or Dry Land)

Oldtown Cr. 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 Fk. Newcombe Cr. 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; Sulfates; 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); Subsurface (Hardrock) Mining; Surface Mining

Rocky Br. 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

Straight Cr. 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

Big Sandy-Little Sandy-Tygarts Basin Unit
Little Sandy River Basin
Streams

Tunnel Br. 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 to East Fk. Little Sandy R. 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)

Wells Cr. 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

Williams Cr. 0.0 to 2.9 — Boyd County
Into East Fork Little Sandy River — Segment Length: 2.9
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

14.4 Little Sandy River Basin Lakes

Grayson Lake — Carter County
Into Little Sandy River — Acres: 1512
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Methylmercury
Suspected Sources: Source Unknown

14.5 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

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

14.6 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

Schultz Creek 4.7 to 10.8 — Greenup County
Into Tygarts Creek — Segment Length: 6.1
Impaired Use(s): Warm Water Aquatic Habitat (Partial Support)
Pollutant(s): Cause Unknown
Suspected Sources: Source Unknown

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

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 0.0 to 45.7 — Greenup County
Into Ohio River — Segment Length: 4.6
Impaired Use(s): Fish Consumption (Nonsupport)
Pollutant(s): Methylmercury; Polychlorinated biphenyls
Suspected Sources: Source Unknown

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 15. Ohio River Mainstem 303(d) List

15.1 Ohio River Mainstem

Ohio River 317.0 to 357.0 — Boyd County
Into Mississippi River — Segment Length: 40.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 357.0 to 362.0 — Lewis County
Into Mississippi River — Segment Length: 5.0
Impaired Use(s): Fish Consumption (Partial Support), Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 362.0 to 383.0 — Lewis County
Into Mississippi River — Segment Length: 21.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 383.0 to 388.0 — Lewis County
Into Mississippi River — Segment Length: 5.0
Impaired Use(s): Fish Consumption (Partial Support), Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 388.0 to 393.0 — Lewis County
Into Mississippi River — Segment Length: 5.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River Mainstem

Ohio River 393. 0 to 397.0 — Lewis County
Into Mississippi River — Segment Length: 4.0
Impaired Use(s): Fish Consumption (Partial Support), Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 397.0 to 461.0 — Lewis County
Into Mississippi River — Segment Length: 64.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 461.0 to 477.0 — Campbell County
Into Mississippi River — Segment Length: 16.0
Impaired Use(s): Primary Contact Recreation (Nonsupport), Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 477.0 to 484.0 — Kenton County
Into Mississippi River — Segment Length: 7.0
Impaired Use(s): Primary Contact Recreation (Partial Support), Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 484.0 to 488.0 — Boone County
Into Mississippi River — Segment Length: 4.0
Impaired Use(s): Primary Contact Recreation (Nonsupport), Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River Mainstem

Ohio River 488.0 to 491.0 — Boone County
Into Mississippi River — Segment Length: 3.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 491.0 to 501.0 — Boone County
Into Mississippi River — Segment Length: 10.0
Impaired Use(s): Fish Consumption (Partial Support), Primary Contact Recreation (Nonsupport)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 501.0 to 521.0 — Boone County
Into Mississippi River — Segment Length: 20.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 521.0 to 541.0 — Gallatin County
Into Mississippi River — Segment Length: 20.0
Impaired Use(s): Fish Consumption (Partial Support), Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 541.0 to 593.0 — Carroll County
Into Mississippi River — Segment Length: 52.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 593.0 to 608.0 — Jefferson County
Into Mississippi River — Segment Length: 15.0
Impaired Use(s): Primary Contact Recreation (Partial Support), Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River Mainstem

Ohio River 608.0 to 621.0 — Jefferson County
Into Mississippi River — Segment Length: 13.0
Impaired Use(s): Primary Contact Recreation (Nonsupport), Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 621.0 to 629.0 — Jefferson County
Into Mississippi River — Segment Length: 8.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 629.0 to 709.0 — Jefferson County
Into Mississippi River — Segment Length: 80.0
Impaired Use(s): Primary Contact Recreation (Nonsupport), Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 709.0 to 719.0 — Breckinridge County
Into Mississippi River — Segment Length: 10.0
Impaired Use(s): Fish Consumption (Partial Support), Primary Contact Recreation (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 719.0 to 785.0 — Hancock County
Into Mississippi River — Segment Length: 66.0
Impaired Use(s): Primary Contact Recreation (Nonsupport), Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 785.0 to 789.0 — Henderson County
Into Mississippi River — Segment Length: 4.0
Impaired Use(s): Primary Contact Recreation (Partial Support); Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 789.0 to 844.0 — Henderson County
Into Mississippi River — Segment Length: 55.0
Impaired Use(s): Primary Contact Recreation (Nonsupport), Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 844.0 to 849.0 — Union County
Into Mississippi River — Segment Length: 5.0
Impaired Use(s): Primary Contact Recreation (Partial Support), Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 849.0 to 862.0 — Union County
Into Mississippi River — Segment Length: 13.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 862.0 to 873.0 — Union County
Into Mississippi River — Segment Length: 11.0
Impaired Use(s): Primary Contact Recreation (Partial Support), Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River Mainstem

Ohio River 873.0 to 894.0 — Crittenden County
Into Mississippi River — Segment Length: 21.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls
Suspected Sources: Source Unknown

Ohio River 894.0 to 910.0 — Livingston County
Into Mississippi River — Segment Length: 16.0
Impaired Use(s): Primary Contact Recreation (Partial Support), Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); Polychlorinated Biphenyls; Fecal Coliform
Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater; Agriculture; Combined Sewer Overflows; Source Unknown

Ohio River 910.0 to 981.0 — Livingston County
Into Mississippi River — Segment Length: 71.0
Impaired Use(s): Fish Consumption (Partial Support)
Pollutant(s): Dioxin (Including 2,3,7,8-TCDD); 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 10 through 15, 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 (2098) 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	05100205	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	05100205	Anderson	5-PS	WAH	Sedimentation/ Siltation	Post-development Erosion and Sedimentation, Unspecified Urban Stormwater, Source Unknown
Bailey Run 0.0 to 2.9	2.9 miles	KY486229_01	05100205	Anderson	5-PS	WAH	Total Dissolved Solids	Source Unknown, Unspecified Urban Stormwater
Balls Branch 0.0 to 4.9	4.9 miles	KY486303_01	05100205	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	05100201	Knott	5-NS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing, Surface Mining, Post-development Erosion and Sedimentation, Non-irrigated Crop Production
Balls Fork 8.3 to 11.3	3 miles	KY486305_00	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Surface Mining
Baughman Creek 0.0 to 4.6	4.6 miles	KY486477_01	05100205	Lincoln	5-NS	PCR	Escherichia coli	Unrestricted Cattle Access
Beals Run 0.0 to 1.9	1.9 miles	KY486507_01	05100205	Woodford	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Beals Run 0.0 to 1.9	1.9 miles	KY486507_01	05100205	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	05100205	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	05100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification
Benson Creek 4.6 to 6.7	2.1 miles	KY486877_02	05100205	Franklin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Benson Creek 4.6 to 6.7	2.1 miles	KY486877_02	05100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification, Highway/Road/Bridge Runoff (Non-construction Related)
Benson Creek 6.7 to 13.4	6.7 miles	KY486877_03	05100205	Franklin	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Benson Creek 6.7 to 13.4	6.7 miles	KY486877_03	05100205	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	05100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Big Caney Creek 0.3 to 8.0	7.7 miles	KY487150_00	05100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Silviculture Harvesting
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	05100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification
Big Willard Creek 0.0 to 4.5	4.5 miles	KY510708_00	05100201	Perry	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Big Willard Creek 0.0 to 4.5	4.5 miles	KY510708_00	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Silviculture Harvesting

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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)
Big Willard Creek 0.0 to 4.5	4.5 miles	KY510708_00	05100201	Perry	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Silviculture Harvesting, Loss of Riparian Habitat
Blue Lick 0.0 to 4.1	4.1 miles	KY487526_01	05100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture, Animal Feeding Operations (NPS)
Boone Creek 7.4 to 12.6	5.2 miles	KY487688_02	05100205	Fayette	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Boone Creek 7.4 to 12.6	5.2 miles	KY487688_02	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Brush Creek 0.0 to 6.6	6.6 miles	KY510969_00	05100204	Powell	5-PS	WAH	Cause Unknown	Source Unknown
Buckhorn Creek 0.0 to 2.4	2.4 miles	KY488268_01	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Coal Mining, Loss of Riparian Habitat, Silviculture Harvesting, Streambank Modifications/destabilization
Buckhorn Creek 0.0 to 2.4	2.4 miles	KY488268_01	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Coal Mining, Loss of Riparian Habitat, Silviculture Harvesting, Streambank Modifications/destabilization
Buckhorn Creek 0.0 to 2.4	2.4 miles	KY488268_01	05100201	Breathitt	5-NS	WAH	Turbidity	Coal Mining, Loss of Riparian Habitat, Silviculture Harvesting, Streambank Modifications/destabilization
Buckhorn Creek 2.4 to 6.8	4.4 miles	KY488268_02	05100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive)
Buckhorn Creek 2.4 to 6.8	4.4 miles	KY488268_02	05100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive)

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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)
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	05100203	Knox	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Cane Run 0.0 to 3.0	3 miles	KY488799_01	05100205	Scott	5-NS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing, Non-irrigated Crop Production
Cane Run 3.0 to 9.6	6.6 miles	KY488799_02	05100205	Scott	5-NS	PCR	Fecal Coliform	Landfills, Package Plant or Other Permitted Small Flows Discharges, Livestock (Grazing or Feeding Operations)
Cane Run 3.0 to 9.6	6.6 miles	KY488799_02	05100205	Scott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills, Package Plant or Other Permitted Small Flows Discharges, Livestock (Grazing or Feeding Operations)
Cane Run 3.0 to 9.6	6.6 miles	KY488799_02	05100205	Scott	5-PS	WAH	Sedimentation/ Siltation	Highways, Roads, Bridges, Infrastructure (New Construction), Landfills, Livestock (Grazing or Feeding Operations)
Cane Run 9.6 to 17.4	7.8 miles	KY488799_03	05100205	Fayette	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater
Cane Run 9.6 to 17.4	7.8 miles	KY488799_03	05100205	Fayette	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater
Cane Run 9.6 to 17.4	7.8 miles	KY488799_03	05100205	Fayette	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater
Caney Cr. 0.0 to 1.5	1.5 miles	KY488843_01	05100205	Owen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, Managed Pasture Grazing

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 Cr. 0.0 to 1.5	1.5 miles	KY488843_01	05100205	Owen	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat, Managed Pasture Grazing
Caney Cr. 0.0 to 1.5	1.5 miles	KY488843_01	05100205	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	05100201	Knott	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Cat Creek 0.0 to 8.0	8 miles	KY511245_01	05100204	Powell	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Cedar Creek 0.0 to 9.4	9.4 miles	KY489184_01	05100205	Owen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Cedar Creek 0.0 to 9.4	9.4 miles	KY489184_01	05100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related), Silviculture Activities, Managed Pasture Grazing
Chambers Fk. 0.7 to 1.1	0.4 miles	KY489323_01	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing
Clarks Run 0.7 to 4.0	3.3 miles	KY489554_01	05100205	Boyle	5-NS	PCR	Escherichia coli	Unrestricted Cattle Access
Clarks Run 0.7 to 4.0	3.3 miles	KY489554_01	05100205	Boyle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Clarks Run 0.7 to 4.0	3.3 miles	KY489554_01	05100205	Boyle	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	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)
Clarks Run 0.7 to 4.0	3.3 miles	KY489554_01	05100205	Boyle	5-PS	WAH	Sedimentation/ Siltation	Municipal Point Source Discharges, Streambank Modifications/destabilization
Clarks Run 4.0 to 6.3	2.3 miles	KY489554_02	05100205	Boyle	5-NS	WAH	Cause Unknown	Source Unknown
Clarks Run 4.0 to 6.3	2.3 miles	KY489554_02	05100205	Boyle	5-NS	PCR	Escherichia coli	Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Clarks Run 4.0 to 6.3	2.3 miles	KY489554_02	05100205	Boyle	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Clarks Run 4.0 to 6.3	2.3 miles	KY489554_02	05100205	Boyle	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Clarks Run 6.3 to 14.3	8 miles	KY489554_03	05100205	Boyle	5-NS	PCR	Escherichia coli	Source Unknown
Clarks Run 6.3 to 14.3	8 miles	KY489554_03	05100205	Boyle	5-PS	WAH	Sedimentation/ Siltation	Streambank Modifications/destabilization
Collins Fork 2.4 to 6.3	3.9 miles	KY511474_00	05100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Cope Fork 0.0 to 1.9	1.9 miles	KY490072_00	05100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Channelization, Surface Mining, Streambank Modifications/destabilization, Silviculture Activities, Non-irrigated Crop Production, Managed Pasture Grazing, Loss of Riparian Habitat

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)
Cope Fork 0.0 to 1.9	1.9 miles	KY490072_00	05100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Surface Mining
Copper Creek 0.0 to 2.2	2.2 miles	KY511529_01	05100205	Lincoln	5-NS	PCR	Escherichia coli	Unrestricted Cattle Access
Copper Creek 2.2 to 5.0	2.8 miles	KY511529_02	05100205	Rockcastle	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing
Crane Cr. 0.0 to 5.4	5.4 miles	KY511620_01	05100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Channelization, Post-development Erosion and Sedimentation, Loss of Riparian Habitat
Crystal Cr. 0.0 to 2.3	2.3 miles	KY511669_01	05100201	Lee	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills
Crystal Cr. 0.0 to 2.3	2.3 miles	KY511669_01	05100201	Lee	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Landfills
Cutshin Creek 9.7 to 10.7	1 miles	KY511693_01	05100202	Leslie	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Streambank Modifications/destabilization
Defeated Creek 0.4 to 1.6	1.2 miles	KY490786_01	05100201	Knott	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Dix River 33.3 to 36.1	2.8 miles	KY517054_02	05100205	Garrard	5-NS	PCR	Escherichia coli	Agriculture
Dix River 36.1 to 43.8	7.7 miles	KY517054_03	05100205	Garrard	5-NS	PCR	Escherichia coli	Agriculture, Municipal Point Source Discharges
Dix River 64.3 to 73.35	9.05 miles	KY517054_04	05100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture
Dix River 73.35 to 78.7	5.35 miles	KY517054_05	05100205	Rockcastle	5-NS	PCR	Escherichia coli	Agriculture, Municipal Point Source Discharges
Drakes Creek 1.15 to 7.3	6.15 miles	KY491093_01	05100205	Lincoln	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)
Dry Run 0.0 to 3.1	3.1 miles	KY491240_00	05100205	Scott	5-PS	WAH	Cause Unknown	Managed Pasture Grazing, Source Unknown
Dry Run 0.0 to 3.1	3.1 miles	KY491240_00	05100205	Scott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing, Source Unknown
Dry Run 0.0 to 3.1	3.1 miles	KY491240_00	05100205	Scott	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing, Source Unknown
Eagle Creek 15.3 to 28.5	13.2 miles	KY491407_01	05100205	Owen	5-PS	PCR	Fecal Coliform	Source Unknown
Eagle Creek 31.6 to 36.5	4.9 miles	KY491407_02	05100205	Grant	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Managed Pasture Grazing
Eagle Creek 31.6 to 36.5	4.9 miles	KY491407_02	05100205	Grant	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Managed Pasture Grazing
Eagle Creek 50.8 to 58.5	7.7 miles	KY491407_03	05100205	Grant	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Eagle Creek 50.8 to 58.5	7.7 miles	KY491407_03	05100205	Grant	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
East Fork Otter Creek 0.0 to 2.7	2.7 miles	KY491474_00	05100205	Madison	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Managed Pasture Grazing
East Hickman Creek 4.2 to 10.2	6.0 miles	KY491487_01	05100205	Fayette	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater
East Hickman Creek 4.2 to 10.2	6.0 miles	KY491487_01	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Unspecified Urban Stormwater

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Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
East Hickman Creek 12.6 to 14.0	1.4 miles	KY491487_02	05100205	Fayette	5-NS	PCR	Fecal Coliform	Unspecified Urban Stormwater
Elk Creek 0.0 to 1.6	1.6 miles	KY491658_00	05100205	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
Elkhorn Creek 0.0 to 18.2	18.2 miles	KY491690_01	05100205	Franklin	5-PS	PCR	Fecal Coliform	Managed Pasture Grazing
Flat Creek 0.0 to 7.1	7.1 miles	KY492179_00	05100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification
Frog Branch 0.0 to 3.4	3.4 miles	KY492562_01	05100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture, Animal Feeding Operations (NPS)
Frozen Creek 0.0 to 13.9	13.9 miles	KY492582_01	05100201	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	05100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture
Goose Creek 0.0 to 1.8	1.8 miles	KY493013_01	05100205	Shelby	5-PS	WAH	Cause Unknown	Agriculture, Highway/Road/Bridge Runoff (Non-construction Related), Habitat Modification - other than Hydromodification
Goose Creek 0.0 to 1.8	1.8 miles	KY493013_01	05100205	Shelby	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Highway/Road/Bridge Runoff (Non-construction Related), Habitat Modification - other than Hydromodification
Goose Creek 1.85 to 4.2	2.35 miles	KY493013_02	05100205	Shelby	5-PS	WAH	Cause Unknown	Agriculture, Livestock (Grazing or Feeding Operations), Grazing in Riparian or Shoreline Zones

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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)
Goose Creek 0.0 to 8.3	8.3 miles	KY512349_01	05100203	Clay	5-PS	PCR	Fecal Coliform	Land Disposal (Onsite Wastewater Systems-Septic Tanks and/or Straight Pipes)
Grapevine Creek 0.0 to 1.1	1.1 miles	KY512371_00	05100201	Perry	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Grapevine Creek 0.0 to 1.1	1.1 miles	KY512371_00	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Silviculture Harvesting
Grapevine Creek 0.0 to 1.1	1.1 miles	KY512371_00	05100201	Perry	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Loss of Riparian Habitat
Hanging Fork of Dix River 0.0 to 15.85	15.85 miles	KY493684_01	05100205	Lincoln	5-NS	PCR	Escherichia coli, Fecal Coliform	Agriculture, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Non-irrigated Crop Production, Livestock (Grazing or Feeding Operations)
Hanging Fork of Dix River 15.85 to 24.15	8.3 miles	KY493684_02	05100205	Lincoln	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)
Hanging Fork of Dix River 24.15 to 27.6	3.45 miles	KY493684_03	05100205	Lincoln	5-NS	PCR	Escherichia coli	Municipal Point Source Discharges, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Hanging Fork of Dix River 27.6 to 32.2	4.6 miles	KY493684_04	05100205	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	05100204	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	05100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture
Hatton Creek 0.0 to 4.2	4.2 miles	KY512588_00	05100204	Powell	5-PS	WAH	Cause Unknown	Source Unknown
Hawes Fork 0.0 to 4.4	4.4 miles	KY493879_00	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Hawes Fork 0.0 to 4.4	4.4 miles	KY493879_00	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Silviculture Harvesting

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Hawes Fork 0.0 to 4.4	4.4 miles	KY493879_00	05100201	Breathitt	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Loss of Riparian Habitat
Hell Creek 0.0 to 3.5	3.5 miles	KY512636_00	05100201	Lee	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Petroleum/natural Gas Production Activities (Permitted)
Hickman Creek 0.0 to 6.0	6 miles	KY494112_01	05100205	Jessamine	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges
Hickman Creek 6.0 to 25.5	19.5 miles	KY494112_02	05100205	Jessamine	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges
Hickman Creek 6.0 to 25.5	19.5 miles	KY494112_02	05100205	Jessamine	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Holly Creek 0.0 to 6.2	6.2 miles	KY494406_01	05100201	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Streambank Modifications/destabilization, Loss of Riparian Habitat, Heap-leach Extraction Mining
Horse Creek 0.0 to 8.3	8.3 miles	KY512793_01	05100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Managed Pasture Grazing

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Hunting Creek 0.0 to 2.6	2.6 miles	KY494791_00	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Hunting Creek 0.0 to 2.6	2.6 miles	KY494791_00	05100201	Breathitt	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Loss of Riparian Habitat
Indian Creek 2.6 to 7.8	5.2 miles	KY512905_01	05100204	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_01	05100204	Menifee	5-PS	CAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related), Surface Mining
Johnson Fk. 0.0 to 0.5	0.5 miles	KY495407_01	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Residential Districts, Managed Pasture Grazing
Johnson Fk. 0.0 to 0.5	0.5 miles	KY495407_01	05100204	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	05100204	Powell	5-NS	WAH	Cause Unknown	Source Unknown
Kentucky River 0.3 to 11.5	11.2 miles	KY513130_01	05100205	Owen	5-NS	FC	Methylmercury	Atmospheric Deposition - Toxics, Source Unknown
Kentucky River 154.0 to 210.0	56 miles	KY513130_08	05100205	Jessamine	5-PS	FC	Methylmercury	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Knoblick Creek 0.0 to 4.8	4.8 miles	KY495849_01	05100205	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	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Streambank Modifications/destabilization, Loss of Riparian Habitat, Heap-leach Extraction Mining, Channelization
Laurel Creek 3.8 to 4.8	1 miles	KY513241_00	05100203	Clay	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing, Non-irrigated Crop Production
Left Fork Island Creek 0.0 to 5.0	5 miles	KY513314_00	05100203	Owsley	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Left Fork Millstone Creek 1.6 to 2.9	1.3 miles	KY496243_01	05100201	Letcher	5-NS	WAH, PCR, SCR	pH	Surface Mining
Left Fork Millstone Creek 1.6 to 2.9	1.3 miles	KY496243_01	05100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Left Fork Millstone Creek 1.6 to 2.9	1.3 miles	KY496243_01	05100201	Letcher	5-NS	WAH	Total Dissolved Solids	Surface Mining
Lick Creek 0.0 to 5.4	5.4 miles	KY496473_01	05100205	Carroll	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related), Unspecified Urban Stormwater, Post-development Erosion and Sedimentation, 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)
Lick Creek 0.0 to 5.4	5.4 miles	KY496473_01	05100205	Carroll	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related), Unspecified Urban Stormwater, Post-development Erosion and Sedimentation
Line Fork 9.1 to 11.6	2.5 miles	KY513437_01	05100201	Letcher	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Line Fork 11.6 to 27.5	15.9 miles	KY513437_02	05100201	Letcher	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Sewage Discharges in Unsewered Areas
Little Willard Cr. 0.0 to 2.5	2.5 miles	KY513541_01	05100201	Perry	5-NS	WAH	Sedimentation/ Siltation	Channelization, Surface Mining, Streambank Modifications/destabilization, Site Clearance (Land Development or Redevelopment), Post-development Erosion and Sedimentation, Loss of Riparian Habitat
Little Willard Cr. 0.0 to 2.5	2.5 miles	KY513541_01	05100201	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	05100205	Lincoln	5-NS	PCR	Escherichia coli	Agriculture, Municipal Point Source Discharges
Long Fork 0.0 to 4.6	4.6 miles	KY497111_01	05100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Long Fork 0.0 to 4.6	4.6 miles	KY497111_01	05100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Surface Mining
Lost Creek 0.0 to 3.7	3.7 miles	KY497178_01	05100201	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	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Coal Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Lost Creek 3.7 to 8.95	5.25 miles	KY497178_02	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Coal Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Lost Creek 3.7 to 8.95	5.25 miles	KY497178_02	05100201	Breathitt	5-NS	WAH	Turbidity	Coal Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Lotts Creek 0.4 to 1.0	0.6 miles	KY497201_01	05100201	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	05100201	Perry	5-NS	WAH	Sedimentation/ Siltation	Coal Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Lotts Creek 1.2 to 6.0	4.8 miles	KY497201_02	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Coal Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Lotts Creek 1.2 to 6.0	4.8 miles	KY497201_02	05100201	Perry	5-NS	WAH	Turbidity	Coal Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Lower Buffalo Creek 0.0 to 2.4	2.4 miles	KY513677_00	05100203	Owsley	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat

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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)
Lower Howard Creek 2.65 to 6.2	3.55 miles	KY497285_00	05100205	Clark	5-NS	WAH	Cause Unknown	Livestock (Grazing or Feeding Operations), Upstream Impoundments (e.g., Pl-566 NRCS Structures), Source Unknown
Lower Howard Creek 2.65 to 6.2	3.55 miles	KY497285_00	05100205	Clark	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Upstream Impoundments (e.g., Pl-566 NRCS Structures), Source Unknown
Lower Howard Creek 2.65 to 6.2	3.55 miles	KY497285_00	05100205	Clark	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Livestock (Grazing or Feeding Operations), Upstream Impoundments (e.g., Pl-566 NRCS Structures), Source Unknown
Lulbegrud Creek 0.0 to 7.3	7.3 miles	KY497344_01	05100204	Clark	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Marble Cr. 0.05 to 3.9	3.85 miles	KY497527_01	05100205	Jessamine	5-PS	WAH	Sedimentation/ Siltation	Streambank Modifications/destabilization
McConnell Run 0.0 to 4.4	4.4 miles	KY497799_00	05100205	Scott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
McConnell Run 0.0 to 4.4	4.4 miles	KY497799_00	05100205	Scott	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing
McKinney Branch 0.0 to 1.9	1.9 miles	KY497908_01	05100205	Lincoln	5-NS	PCR	Escherichia coli	Unrestricted Cattle Access
Meadow Creek 0.5 to 3.7	3.2 miles	KY513890_01	05100203	Owsley	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-irrigated Crop Production, Managed Pasture Grazing

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Middle Fork, Kentucky River 61.5 to 64.2	2.7 miles	KY513931_03	05100202	Leslie	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Middle Fork of Kentucky River 67.0 to 73.4	6.4 miles	KY513931_04	05100202	Leslie	5-PS	PCR	Fecal Coliform	Source Unknown
Middle Fork of Kentucky River 67.0 to 73.4	6.4 miles	KY513931_04	05100202	Leslie	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Rangeland Grazing, Non-irrigated Crop Production, Loss of Riparian Habitat
Middle Fork of Kentucky River 67.0 to 73.4	6.4 miles	KY513931_04	05100202	Leslie	5-PS	WAH	Total Dissolved Solids	Petroleum/natural Gas Activities, Surface Mining, Reclamation of Inactive Mining
Mill Cr. 0.0 to 3.3	3.3 miles	KY498258_01	05100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related), Surface Mining, Petroleum/natural Gas Production Activities (Permitted), Loss of Riparian Habitat
Mill Cr. 0.0 to 3.3	3.3 miles	KY498258_01	05100201	Letcher	5-NS	WAH	Total Suspended Solids (TSS)	Highway/Road/Bridge Runoff (Non-construction Related), Surface Mining, Petroleum/natural Gas Production Activities (Permitted), Loss of Riparian Habitat
Mocks Br. 1.6 to 5.7	4.1 miles	KY498468_01	05100205	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	05100205	Owen	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)
Muddy Creek 0.0 to 20.2	20.2 miles	KY514141_01	05100205	Madison	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Muncy Cr. 2.7 to 4.7	2 miles	KY514159_01	05100202	Leslie	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Post-development Erosion and Sedimentation
Noland Cr. 0.05 to 1.2	1.15 miles	KY499508_01	05100204	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	05100205	Franklin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
North Benson Creek 0.8 to 2.0	1.2 miles	KY499533_00	05100205	Franklin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture
North Benson Creek 0.8 to 2.0	1.2 miles	KY499533_00	05100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Highways, Roads, Bridges, Infrastructure (New Construction), Highway/Road/Bridge Runoff (Non-construction Related)
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_03	05100205	Fayette	5-NS	PCR	Fecal Coliform	Source Unknown
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_03	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_03	05100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_03	05100205	Fayette	5-PS	WAH	Sedimentation/ Siltation	Agriculture, 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)
North Fork North Benson Creek 0.0 to 2.2	2.2 miles	KY499560_00	05100205	Franklin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Post-development Erosion and Sedimentation, Loss of Riparian Habitat
North Fork North Benson Creek 0.0 to 2.2	2.2 miles	KY499560_00	05100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Post-development Erosion and Sedimentation, Loss of Riparian Habitat
North Fork of Kentucky River 145.5 to 147.9	2.4 miles	KY514290_07	05100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Urban Runoff/Storm Sewers, Non-irrigated Crop Production, Habitat Modification - other than Hydromodification
North Fork of Kentucky River 147.9 to 162.0	14.1 miles	KY514290_08	05100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Urban Runoff/Storm Sewers, Silviculture Activities, Livestock (Grazing or Feeding Operations), Grazing in Riparian or Shoreline Zones
Otter Creek 0.0 to 4.1	4.1 miles	KY500025_01	05100205	Madison	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Municipal Point Source Discharges, Livestock (Grazing or Feeding Operations), Grazing in Riparian or Shoreline Zones
Otter Creek 0.0 to 4.1	4.1 miles	KY500025_01	05100205	Madison	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Municipal Point Source Discharges, Livestock (Grazing or Feeding Operations), Grazing in Riparian or Shoreline Zones
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)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Peyton Creek 0.0 to 4.1	4.1 miles	KY500504_01	05100205	Lincoln	5-NS	PCR	Escherichia coli	Animal Feeding Operations (NPS)
Plum Branch 0.0 to 3.9	3.9 miles	KY514662_01	05100204	Powell	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Streambank Modifications/destabilization, Loss of Riparian Habitat
Polls Creek 0.0 to 4.7	4.7 miles	KY514679_00	05100202	Leslie	5-PS	WAH	Cause Unknown	Source Unknown
Potter Fork 0.0 to 4.4	4.4 miles	KY501199_00	05100201	Letcher	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Potter Fork 0.0 to 4.4	4.4 miles	KY501199_00	05100201	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	05100202	Breathitt	5-PS	WAH	Cause Unknown	Source Unknown
Quicksand Creek 0.0 to 17.0	17 miles	KY501481_01	05100201	Breathitt	5-PS	WAH	Cause Unknown	Silviculture Harvesting
Quicksand Creek 0.0 to 17.0	17 miles	KY501481_01	05100201	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, Impacts from Abandoned Mine Lands (Inactive)

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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	Sedimentation/ Siltation	Coal Mining, Surface Mining, Streambank Modifications/destabilization, Silviculture Activities, Loss of Riparian Habitat, Impacts from Abandoned Mine Lands (Inactive), Habitat Modification - other than Hydromodification
Quicksand Creek 21.7 to 30.8	9.1 miles	KY501481_02	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Coal Mining, Surface Mining, Streambank Modifications/destabilization, Silviculture Activities, Loss of Riparian Habitat, Impacts from Abandoned Mine Lands (Inactive), Habitat Modification - other than Hydromodification
Quicksand Creek 21.7 to 30.8	9.1 miles	KY501481_02	05100201	Breathitt	5-NS	WAH	Turbidity	Coal Mining, Surface Mining, Streambank Modifications/destabilization, Silviculture Activities, Loss of Riparian Habitat, Impacts from Abandoned Mine Lands (Inactive), Habitat Modification - other than Hydromodification
Rattlesnake Creek 0.0 to 1.2	1.2 miles	KY501593_01	05100205	Grant	5-NS	WAH	Cause Unknown	Source Unknown
Red Lick Creek 0.0 to 8.4	8.4 miles	KY510193_01	05100204	Madison	5-PS	PCR	Fecal Coliform	Source Unknown
Red River 64.1 to 67.6	3.5 miles	KY514872_04	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Red River 70.0 to 83.9	13.9 miles	KY514872_05	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Managed Pasture Grazing, Loss of Riparian Habitat
Red River 89.5 to 93.4	3.9 miles	KY514872_06	05100204	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	05100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Specialty Crop Production
Right Fk. Lacy Cr. 0.0 to 2.2	2.2 miles	KY501895_01	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Right Fork Buffalo Creek 0.0 to 2.1	2.1 miles	KY514933_01	05100203	Owsley	5-PS	WAH	Cause Unknown	Source Unknown
Right Fork Millstone Creek 0.0 to 1.6	1.6 miles	KY501910_01	05100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Right Fork Millstone Creek 0.0 to 1.6	1.6 miles	KY501910_01	05100201	Letcher	5-NS	WAH	Total Dissolved Solids	Surface Mining
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_01	05100201	Letcher	5-NS	PCR	Fecal Coliform	Loss of Riparian Habitat, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_01	05100201	Letcher	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, 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)
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_01	05100201	Letcher	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Silviculture Harvesting
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_01	05100201	Letcher	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Loss of Riparian Habitat
Rose Fork 0.0 to 3.1	3.1 miles	KY502332_01	05100204	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	KY486321_00	05100205	Henry	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification
Sexton Creek 0.1 to 17.2	17.1 miles	KY515329_01	05100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Highway/Road/Bridge Runoff (Non-construction Related)
Silver Creek 0.0 to 11.1	11.1 miles	KY503507_01	05100205	Madison	5-PS	PCR	Fecal Coliform	Source Unknown
Silver Creek 11.2 to 29.8	18.6 miles	KY503507_02	05100205	Madison	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Post-development Erosion and Sedimentation, Non-irrigated Crop Production, Managed Pasture Grazing
Snow Creek 0.0 to 3.9	3.9 miles	KY515528_01	05100204	Powell	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Post-development Erosion and Sedimentation, Managed Pasture Grazing

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Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
South Elkhorn Creek 5.0 to 16.6	11.6 miles	KY503901_01	05100205	Franklin	5-PS	WAH	Chlorine	Municipal Point Source Discharges, Package Plant or Other Permitted Small Flows Discharges
South Elkhorn Creek 5.0 to 16.6	11.6 miles	KY503901_01	05100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Erosion from Derelict Land (Barren Land), Sediment Resuspension (Clean Sediment), Non-irrigated Crop Production, Managed Pasture Grazing, Loss of Riparian Habitat
South Elkhorn Creek 5.0 to 16.6	11.6 miles	KY503901_01	05100205	Franklin	5-PS	WAH	Total Dissolved Solids	Erosion from Derelict Land (Barren Land), Package Plant or Other Permitted Small Flows Discharges, Municipal Point Source Discharges, Loss of Riparian Habitat
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	05100205	Woodford	5-PS	WAH	Chlorine	Municipal Point Source Discharges
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	05100205	Woodford	5-NS	PCR	Fecal Coliform	Agriculture, Urban Runoff/Storm Sewers, Municipal Point Source Discharges, Manure Runoff, Managed Pasture Grazing, Livestock (Grazing or Feeding Operations)
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	05100205	Woodford	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	05100205	Woodford	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	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)
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	05100205	Woodford	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Rangeland Grazing, Non-irrigated Crop Production, Managed Pasture Grazing, Loss of Riparian Habitat
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_02	05100205	Woodford	5-PS	WAH	Total Dissolved Solids	Livestock (Grazing or Feeding Operations), Municipal Point Source Discharges, Rangeland Grazing
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	05100205	Woodford	5-PS	WAH	Chlorine	Municipal Point Source Discharges
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	05100205	Woodford	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing, Non-irrigated Crop Production, Municipal Point Source Discharges
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	05100205	Woodford	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Managed Pasture Grazing, Non-irrigated Crop Production, Municipal Point Source Discharges
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	05100205	Woodford	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Post-development Erosion and Sedimentation, Non-irrigated Crop Production, Managed Pasture Grazing
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_03	05100205	Woodford	5-PS	WAH	Total Dissolved Solids	Municipal Point Source Discharges, Post-development Erosion and Sedimentation
South Fork Quicksand Creek 0.0 to 16.9	16.9 miles	KY503941_01	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Petroleum/natural Gas Production Activities (Permitted)

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)
South Fork Quicksand Creek 0.0 to 16.9	16.9 miles	KY503941_01	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Petroleum/natural Gas Production Activities (Permitted), Surface Mining
Spears Cr. 0.1 to 6.3	6.2 miles	KY504043_01	05100205	Boyle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, Streambank Modifications/destabilization, Managed Pasture Grazing
Spears Cr. 0.1 to 6.3	6.2 miles	KY504043_01	05100205	Boyle	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Streambank Modifications/destabilization, Managed Pasture Grazing
Spring Fork 3.1 to 6.9	3.8 miles	KY504137_00	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Spring Fork 3.1 to 6.9	3.8 miles	KY504137_00	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Silviculture Harvesting
Spring Fork 3.1 to 6.9	3.8 miles	KY504137_00	05100201	Breathitt	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Loss of Riparian Habitat
Squabble Cr. 0.0 to 4.7	4.7 miles	KY515639_01	05100202	Perry	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Site Clearance (Land Development or Redevelopment)

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)
Squabble Cr. 0.0 to 4.7	4.7 miles	KY515639_01	05100202	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	05100204	Jackson	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Other Recreational Pollution Sources, Non-irrigated Crop Production, Managed Pasture Grazing
Stevens Creek 14.4 to 17.1	2.7 miles	KY504362_02	05100205	Owen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Stevens Creek 14.4 to 17.1	2.7 miles	KY504362_02	05100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing
Stillwater Creek 0.0 to 3.5	3.5 miles	KY515715_01	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat, Heap-leach Extraction Mining
Stinnett Cr. 1.3 to 4.7	3.4 miles	KY515718_01	05100202	Leslie	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Site Clearance (Land Development or Redevelopment), Residential Districts
Sturgeon Creek 8.0 to 12.2	4.2 miles	KY515768_01	05100204	Lee	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Non-irrigated Crop Production
Sugar Cr. 4.8 to 6.0	1.2 miles	KY504657_01	05100205	Garrard	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related)
Sulphur Creek 0.0 to 1.4	1.4 miles	KY504735_00	05100205	Henry	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Sulphur Creek 0.0 to 1.4	1.4 miles	KY504735_00	05100205	Henry	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification

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)
Swift Camp Creek 0.0 to 13.8	13.8 miles	KY515834_00	05100204	Wolfe	5-PS	WAH	Cause Unknown	Source Unknown
Tate Creek 0.0 to 6.5	6.5 miles	KY504972_01	05100205	Madison	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Municipal Point Source Discharges, Livestock (Grazing or Feeding Operations)
Tate Creek 0.0 to 6.5	6.5 miles	KY504972_01	05100205	Madison	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Municipal Point Source Discharges, Livestock (Grazing or Feeding Operations)
Ten Mile Creek 0.0 to 2.9	2.9 miles	KY485704_01	05100205	Grant	5-PS	WAH	Cause Unknown	Source Unknown
Ten Mile Creek 0.0 to 2.9	2.9 miles	KY485704_01	05100205	Grant	5-PS	PCR	Fecal Coliform	Source Unknown
Three Forks Creek 0.0 to 7.6	7.6 miles	KY505232_00	05100205	Grant	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Town Branch 0.0 to 9.2	9.2 miles	KY505386_01	05100205	Fayette	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges, Unspecified Urban Stormwater
Town Branch 0.0 to 9.2	9.2 miles	KY505386_01	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges, Unspecified Urban Stormwater
Town Branch 0.0 to 9.2	9.2 miles	KY505386_01	05100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Town Branch 9.2 to 10.6	1.4 miles	KY505386_02	05100205	Fayette	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges, Unspecified Urban Stormwater
Town Branch 9.2 to 10.6	1.4 miles	KY505386_02	05100205	Fayette	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	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 9.2 to 10.6	1.4 miles	KY505386_02	05100205	Fayette	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges, Urban Runoff/Storm Sewers
Town Branch 10.6 to 12.1	1.5 miles	KY505386_03	05100205	Fayette	5-PS	WAH	Cause Unknown	Source Unknown
Trace Fork 0.15 to 2.4	2.25 miles	KY505441_01	05100201	Knott	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_01	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Coal Mining, Municipal Point Source Discharges
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_01	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Coal Mining, Municipal Point Source Discharges, Petroleum/natural Gas Production Activities (Permitted)
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_01	05100201	Breathitt	5-NS	WAH	Turbidity	Coal Mining, Municipal Point Source Discharges, Petroleum/natural Gas Production Activities (Permitted)
Upper Devil Creek 0.0 to 1.0	1 miles	KY516120_00	05100201	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Inappropriate Waste Disposal, Surface Mining, Silviculture Activities, Reclamation of Inactive Mining
Upper Howard Creek 0.0 to 3.2	3.2 miles	KY485707_00	05100205	Clark	5-PS	WAH	Cause Unknown	Source Unknown
Upper Howard Creek 0.0 to 3.2	3.2 miles	KY485707_00	05100205	Clark	5-PS	WAH	Sedimentation/ Siltation	Rangeland Grazing
Upper Twin Creek 0.0 to 3.6	3.6 miles	KY505917_00	05100202	Breathitt	5-PS	WAH	Cause Unknown	Source Unknown
UT to Cane Run 0.0 to 3.5	3.5 miles	KY488799-6.13_00	05100205	Scott	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
UT to Engle Fork 0.0 to 0.5	0.5 miles	KY491781-1.1_01	05100201	Perry	5-NS	WAH	Sedimentation/ Siltation	Channelization, Surface Mining, Loss of Riparian Habitat

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 Engle Fork 0.0 to 0.5	0.5 miles	KY491781-1.1_01	05100201	Perry	5-NS	WAH	Temperature, water	Channelization, Surface Mining, Loss of Riparian Habitat
UT to Engle Fork 0.0 to 0.5	0.5 miles	KY491781-1.1_01	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Surface Mining
UT to North Branch Lulbegrud Creek 0.0 to 2.2	2.2 miles	KY497344-2.3_01	05100204	Montgomery	5-NS	WAH	Cause Unknown	Source Unknown
UT to N. Elkhorn Creek 0.0 to 5.6	5.6 miles	KY499540-66_01	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
UT to N. Elkhorn Creek 0.0 to 5.6	5.6 miles	KY499540-66_01	05100205	Fayette	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Streambank Modifications/destabilization, Post-development Erosion and Sedimentation, Managed Pasture Grazing
UT to N. Elkhorn Creek 0.0 to 5.6	5.6 miles	KY499540-66_01	05100205	Fayette	5-PS	WAH	Total Dissolved Solids	Managed Pasture Grazing
UT to Smith Fk. 0.0 to 0.55	0.55 miles	KY503789_01	05100205	Madison	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Heap-leach Extraction Mining
UT to Swift Camp Creek 0.0 to 1.5	1.5 miles	KY515834-11.97_00	05100204	Wolfe	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Septage Disposal, Post-development Erosion and Sedimentation
West Fork Mill Creek 0.0 to 1.0	1 miles	KY506440_00	05100205	Carroll	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related), Unspecified Urban Stormwater, Streambank Modifications/destabilization, Loss of Riparian Habitat

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 0.0 to 3.0	3 miles	KY506457_01	05100205	Jessamine	5-PS	PCR	Fecal Coliform	Municipal Point Source Discharges, Unspecified Urban Stormwater
West Hickman Creek 0.0 to 3.0	3 miles	KY506457_01	05100205	Jessamine	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges, Unspecified Urban Stormwater
West Hickman Creek 0.0 to 3.0	3 miles	KY506457_01	05100205	Jessamine	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges, Unspecified Urban Stormwater
West Hickman Creek 3.0 to 8.6	5.6 miles	KY506457_02	05100205	Jessamine	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Unspecified Urban Stormwater
West Hickman Creek 3.0 to 8.6	5.6 miles	KY506457_02	05100205	Jessamine	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Unspecified Urban Stormwater
West Hickman Creek 3.0 to 8.6	5.6 miles	KY506457_02	05100205	Jessamine	5-PS	WAH	Sedimentation/ Siltation	Unspecified Urban Stormwater
White Lick Creek 0.0 to 2.8	2.8 miles	KY506590_00	05100205	Garrard	5-PS	WAH	Total Suspended Solids (TSS)	Non-irrigated Crop Production, Specialty Crop Production
White Oak Cr. 0.0 to 2.8	2.8 miles	KY506613_01	05100205	Garrard	5-NS	PCR	Escherichia coli	Agriculture, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
White Oak Cr. 0.0 to 2.8	2.8 miles	KY506613_01	05100205	Garrard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing, Municipal Point Source Discharges
White Oak Cr. 0.0 to 2.8	2.8 miles	KY506613_01	05100205	Garrard	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing
White Oak Cr. 0.0 to 2.8	2.8 miles	KY506613_01	05100205	Garrard	5-NS	WAH	Total Dissolved Solids	Loss of Riparian Habitat, Managed Pasture Grazing, Municipal Point Source Discharges

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)
White Oak Creek 0.0 to 3.4	3.4 miles	KY506612_01	05100205	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)
Wolf Run 0.0 to 4.1	4.1 miles	KY507029_00	05100205	Fayette	5-NS	PCR	Fecal Coliform	Urban Runoff/Storm Sewers
Wolf Run 0.0 to 4.1	4.1 miles	KY507029_00	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Unspecified Urban Stormwater
Wooten Creek 0.0 to 3.0	3 miles	KY516483_00	05100202	Leslie	5-PS	WAH	Cause Unknown	Source Unknown

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	KY487668_01	05100205	Grant	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Unspecified Urban Stormwater
Boltz Lake	92 acres	KY487668_01	05100205	Grant	5-PS	WAH	Oxygen, Dissolved	Agriculture, Unspecified Urban Stormwater
Buckhorn Lake	1230 acres	KY511027_00	05100202	Perry	5-PS	SCR	Sedimentation/ Siltation	Agriculture, Surface Mining, Natural Sources, Heap-leach Extraction Mining
Buckhorn Lake	1230 acres	KY511027_00	05100202	Perry	5-PS	SCR	Total Suspended Solids (TSS)	Surface Mining
Bullock Pen Lake	134 acres	KY488380_01	05100205	Grant	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bullock Pen Lake	134 acres	KY488380_01	05100205	Grant	5-PS	WAH	Oxygen, Dissolved	Agriculture, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Carr Creek Reservoir	710 acres	KY488975_00	05100201	Knott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Carr Creek Reservoir	710 acres	KY488975_00	05100201	Knott	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Carr Creek Reservoir	710 acres	KY488975_00	05100201	Knott	5-PS	WAH	Oxygen, Dissolved	Source Unknown
Carr Creek Reservoir	710 acres	KY488975_00	05100201	Knott	5-PS	SCR	Sedimentation/ Siltation	Surface Mining

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)
Carr Creek Reservoir	710 acres	KY488975_00	05100201	Knott	5-PS	SCR	Total Suspended Solids (TSS)	Surface Mining
Cedar Creek Lake	784 acres	KYCLN211_00	05100205	Lincoln	5-PS	FC	Methylmercury	Source Unknown
Elmer Davis Lake	149 acres	KYCLN035_01	05100205	Owen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Elmer Davis Lake	149 acres	KYCLN035_01	05100205	Owen	5-PS	WAH	Oxygen, Dissolved	Agriculture
Herrington Lake	2940 acres	KY494090_01	05100205	Garrard	5-PS	FC	Methylmercury	Source Unknown
Herrington Lake	2940 acres	KY494090_01	05100205	Garrard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Municipal Point Source Discharges, Internal Nutrient Recycling
Herrington Lake	2940 acres	KY494090_01	05100205	Garrard	5-NS	WAH	Oxygen, Dissolved	Agriculture, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Municipal Point Source Discharges, Internal Nutrient Recycling
Lake Reba	78 acres	KY501636_01	05100205	Madison	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Golf Courses, Unspecified Urban Stormwater
Lake Reba	78 acres	KY501636_01	05100205	Madison	5-NS	WAH	Oxygen, Dissolved	Golf Courses, Unspecified Urban Stormwater
Panbowl Lake	98 acres	KY500145_01	05100201	Breathitt	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Internal Nutrient Recycling, Septage Disposal

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)
Panbowl Lake	98 acres	KY500145_01	05100201	Breathitt	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Internal Nutrient Recycling, Septage Disposal
Panbowl Lake	98 acres	KY500145_01	05100201	Breathitt	5-NS	WAH	Oxygen, Dissolved	Internal Nutrient Recycling, Septage Disposal
Stanford City Lake (Rice Lake)	43 acres	KY504225_01	05100205	Lincoln	5-PS	DWS	Cause Unknown	Source Unknown
Wilgreen Lake	169 acres	KY505023_00	05100205	Madison	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Non-irrigated Crop Production
Wilgreen Lake	169 acres	KY505023_00	05100205	Madison	5-NS	WAH	Oxygen, Dissolved	Livestock (Grazing or Feeding Operations), On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Non-irrigated Crop Production

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	05100101	Fleming	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Animal Feeding Operations (NPS)
Allison Creek 0.0 to 4.9	4.9 miles	KY485886_00	05100101	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	05100101	Fleming	5-NS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS)
Banklick Creek 0.0 to 3.5	3.5 miles	KY486315_01	05100101	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	05100101	Kenton	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Banklick Creek 0.0 to 3.5	3.5 miles	KY486315_01	05100101	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	05100101	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	05100101	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	05100101	Kenton	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Banklick Creek 3.5 to 8.2	4.7 miles	KY486315_02	05100101	Kenton	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	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)
Banklick Creek 3.5 to 8.2	4.7 miles	KY486315_02	05100101	Kenton	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Banklick Creek 8.2 to 19.2	11 miles	KY486315_03	05100101	Kenton	5-PS	PCR	Fecal Coliform	Agriculture, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Banklick Creek 8.2 to 19.2	11 miles	KY486315_03	05100101	Kenton	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Banklick Creek 8.2 to 19.2	11 miles	KY486315_03	05100101	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	05100101	Menifee	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing, Non-irrigated Crop Production
Blacks Creek 0.0 to 3.4	3.4 miles	KY487421_00	05100102	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	05100102	Bourbon	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations)
Blackwater Creek 3.8 to 11.7	7.9 miles	KY510765_01	05100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown
Boone Creek 0.0 to 5.0	5 miles	KY487686_00	05100102	Bourbon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Boone Creek 0.0 to 5.0	5 miles	KY487686_00	05100102	Bourbon	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations)
Broke Leg Creek 0.0 to 1.0	1 miles	KY510936_01	05100101	Morgan	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)
Broke Leg Creek 1.0 to 4.4	3.4 miles	KY510936_02	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related), Upstream Source, Runoff from Forest/Grassland/Parkland
Brushy Fork 0.0 to 5.8	5.8 miles	KY488131_01	05100101	Pendleton	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Streambank Modifications/destabilization, Runoff from Forest/Grassland/Parkland, Crop Production (Crop Land or Dry Land)
Burning Fork 0.0 to 3.25	3.25 miles	KY488450_01	05100101	Magoffin	5-NS	PCR	Fecal Coliform	Source Unknown
Burning Fork 0.0 to 3.25	3.25 miles	KY488450_01	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Municipal (Urbanized High Density Area)
Caney Creek 0.0 to 4.2	4.2 miles	KY511201_00	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Caney Creek 0.0 to 4.2	4.2 miles	KY511201_00	05100101	Morgan	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, 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)
Caskey Fork 0.0 to 2.3	2.3 miles	KY489059_01	05100101	Morgan	5-NS	WAH	Cause Unknown	Source Unknown
Christy Creek 0.0 to 4.3	4.3 miles	KY511363_00	05100101	Rowan	5-PS	WAH	Cause Unknown	Non-irrigated Crop Production
Christy Creek 0.0 to 4.3	4.3 miles	KY511363_00	05100101	Rowan	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Clarks Run 0.0 to 2.1	2.1 miles	KY489555_01	05100101	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	05100101	Morgan	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Streambank Modifications/destabilization, Channelization, Channel Erosion/Incision from Upstream Hydromodifications
Cooper Run 0.0 to 10.1	10.1 miles	KY490062_00	05100102	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	05100101	Fleming	5-PS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS)
Crane Creek 0.0 to 2.9	2.9 miles	KY511622_01	05100101	Fleming	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Streambank Modifications/destabilization, Sand/gravel/rock Mining or Quarries, Loss of Riparian Habitat, Crop Production (Crop Land or Dry Land)
Crooked Creek 0.0 to 9.1	9.1 miles	KY490377_00	05100101	Nicholas	5-NS	PCR	Fecal Coliform	Source Unknown
Doty Branch 0.0 to 2.3	2.3 miles	KY492236-12.8_01	05100101	Fleming	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Animal Feeding Operations (NPS)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Dry Creek 0.0 to 2.5	2.5 miles	KY511917_01	05100101	Rowan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Urban Runoff/Storm Sewers
Dry Creek 0.0 to 2.5	2.5 miles	KY511917_01	05100101	Rowan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Urban Runoff/Storm Sewers
Dry Creek 0.0 to 2.5	2.5 miles	KY511917_01	05100101	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	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Silviculture Activities, Habitat Modification - other than Hydromodification
Elk Fork 4.9 to 10.5	5.6 miles	KY512038_02	05100101	Morgan	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Elk Fork 4.9 to 10.5	5.6 miles	KY512038_02	05100101	Morgan	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, 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)
Elk Fork 12.6 to 14.7	2.1 miles	KY512038_03	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Elk Fork 12.6 to 14.7	2.1 miles	KY512038_03	05100101	Morgan	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Loss of Riparian Habitat
Fannins Branch 1.5 to 3.4	1.9 miles	KY491979_01	05100101	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	05100101	Bath	5-NS	PCR	Fecal Coliform	Source Unknown
Flat Run 0.0 to 2.2	2.2 miles	KY492217_00	05100102	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	05100102	Bourbon	5-NS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations)
Fleming Creek 0.0 to 12.8	12.8 miles	KY492236_01	05100101	Fleming	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Animal Feeding Operations (NPS)
Fleming Creek 0.0 to 12.8	12.8 miles	KY492236_01	05100101	Fleming	5-PS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS)
Fleming Creek 12.8 to 16.0	3.2 miles	KY492236_02	05100101	Fleming	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)
Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_04	05100101	Fleming	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Animal Feeding Operations (NPS)
Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_04	05100101	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	05100101	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	05100101	Fleming	5-PS	PCR, SCR	Fecal Coliform	Source Unknown
Fox Creek 0.0 to 10.1	10.1 miles	KY512230_01	05100101	Fleming	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones, Natural Sources
Fox Creek 20.1 to 22.7	2.6 miles	KY512230_02	05100101	Fleming	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Dredging (E.g., for Navigation Channels), Silviculture Activities, Natural Sources
Fox Creek 20.1 to 22.7	2.6 miles	KY512230_02	05100101	Fleming	5-NS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels), Silviculture Activities, Natural Sources
Grassy Creek 4.6 to 10.0	5.4 miles	KY512382_01	05100101	Morgan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Grassy Creek 4.6 to 10.0	5.4 miles	KY512382_01	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Hinkston Creek 0.0 to 12.6	12.6 miles	KY494298_01	05100102	Bourbon	5-NS	PCR	Fecal Coliform	Source Unknown
Hinkston Creek 20.8 to 31.0	10.2 miles	KY494298_03	05100102	Bourbon	5-PS	PCR	Fecal Coliform	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)
Hinkston Creek 41.8 to 49.1	7.3 miles	KY494298_05	05100102	Bourbon	5-NS	PCR	Fecal Coliform	Agriculture
Hinkston Creek 41.8 to 49.1	7.3 miles	KY494298_05	05100102	Bourbon	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Hinkston Creek 51.5 to 65.9	14.4 miles	KY494298_06	05100102	Montgomery	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Hinkston Creek 51.5 to 65.9	14.4 miles	KY494298_06	05100102	Montgomery	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones
Houston Creek 0.0 to 9.0	9 miles	KY494646_01	05100102	Bourbon	5-NS	PCR	Fecal Coliform	Source Unknown
Houston Creek 9.0 to 12.7	3.7 miles	KY494646_02	05100102	Bourbon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Golf Courses
Johnson Creek 0.0 to 3.1	3.1 miles	KY495397_00	05100101	Magoffin	5-NS	PCR	Fecal Coliform	Source Unknown
Johnson Creek 0.0 to 3.5	3.5 miles	KY495400_01	05100101	Robertson	5-NS	PCR	Fecal Coliform	Source Unknown
Lees Creek 0.0 to 4.3	4.3 miles	KY496181_01	05100101	Mason	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones
Lees Creek 0.0 to 4.3	4.3 miles	KY496181_01	05100101	Mason	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Left Fork White Oak Creek 0.0 to 1.8	1.8 miles	KY496271_00	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, 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)
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), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Loss of Riparian Habitat
Lick Creek 0.0 to 2.1	2.1 miles	KY496483_01	05100101	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Wet Weather Discharges (Non-Point Source), Unrestricted Cattle Access, Rural (Residential Areas), Loss of Riparian Habitat, Livestock (Grazing or Feeding Operations), Impervious Surface/Parking Lot Runoff, Grazing in Riparian or Shoreline Zones
Licking River 0.0 to 4.8	4.8 miles	KY513416_01	05100101	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	05100101	Campbell	5-PS	PCR	Fecal Coliform	Source Unknown
Licking River 31.0 to 37.6	6.6 miles	KY513416_04	05100101	Kenton	5-PS	PCR	Fecal Coliform	Source Unknown
Licking River 174.4 to 180.8	6.4 miles	KY513416_10	05100101	Rowan	5-PS	SCR	Fecal Coliform	Source Unknown
Licking River 224.3 to 241.3	17 miles	KY513416_11	05100101	Morgan	5-NS/5-PS	PCR/ SCR	Fecal Coliform	Source Unknown
Licking River 265.0 to 271.6	6.6 miles	KY513416_12	05100101	Magoffin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Silviculture Activities

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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_12	05100101	Magoffin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Urban Runoff/Storm Sewers, Wet Weather Discharges (Non-Point Source)
Licking River 265.0 to 271.6	6.6 miles	KY513416_12	05100101	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones, Wet Weather Discharges (Non-Point Source), Urban Runoff/Storm Sewers, Streambank Modifications/destabilization, Loss of Riparian Habitat
Licking River 265.0 to 271.6	6.6 miles	KY513416_12	05100101	Magoffin	5-PS	WAH	Turbidity	Silviculture Activities, Silviculture Reforestation, Silviculture Harvesting
Licking River 271.6 to 294.1	22.5 miles	KY513416_13	05100101	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Resource Extraction
Licking River 294.1 to 302.4	8.3 miles	KY513416_14	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Little Beaver Creek 0.0 to 3.3	3.3 miles	KY496612_01	05100101	Harrison	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones
Little Beaver Creek 0.0 to 3.3	3.3 miles	KY496612_01	05100101	Harrison	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Highway/Road/Bridge Runoff (Non-construction Related), Grazing in Riparian or Shoreline Zones
Little Stoner Creek 0.0 to 5.0	5 miles	KY496870_00	05100102	Clark	5-NS	PCR	Fecal Coliform	Source Unknown
Locust Creek 0.0 to 11.8	11.8 miles	KY496939_01	05100101	Fleming	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones

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Locust Creek 0.0 to 11.8	11.8 miles	KY496939_01	05100101	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	05100101	Fleming	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Mash Fork 0.0 to 3.0	3 miles	KY497650_01	05100101	Magoffin	5-PS	WAH	Cause Unknown	Source Unknown
Middle Fork Licking River 0.0 to 2.5	2.5 miles	KY498128_00	05100101	Magoffin	5-NS	PCR	Fecal Coliform	Agriculture, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Mill Creek 0.0 to 21.6	21.6 miles	KY498263_01	05100102	Harrison	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Mill Creek 0.0 to 21.6	21.6 miles	KY498263_01	05100102	Harrison	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Site Clearance (Land Development or Redevelopment)
North Fork Licking River 8.4 to 12.0	3.6 miles	KY514292_01	05100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown
North Fork Licking River 12.0 to 13.1	1.1 miles	KY514292_02	05100101	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	05100101	Bracken	5-NS	PCR	Fecal Coliform	Agriculture
North Fork Licking River 18.5 to 52.5	34 miles	KY499554_02	05100101	Bracken	5-NS	WAH	Sedimentation/ Siltation	Agriculture

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Oldfield Fork 0.0 to 3.6	3.6 miles	KY499901_01	05100101	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	05100101	Campbell	5-NS	PCR	Fecal Coliform	Source Unknown
Prickly Ash Creek 0.0 to 3.1	3.1 miles	KY514770_00	05100101	Bath	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Puncheon Camp Creek 0.0 to 1.1	1.1 miles	KY501442_00	05100101	Magoffin	5-NS	PCR	Fecal Coliform	Source Unknown
Rock Fork 0.0 to 4.0	4 miles	KY515026_01	05100101	Rowan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Rock Fork 0.0 to 4.0	4 miles	KY515026_01	05100101	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	05100101	Bath	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Rangeland Grazing
Scrubgrass Creek 0.0 to 1.6	1.6 miles	KY503123_00	05100101	Nicholas	5-NS	WAH	Cause Unknown	Source Unknown
Slate Creek 0.0 to 13.6	13.6 miles	KY515470_01	05100101	Bath	5-PS	PCR	Fecal Coliform	Source Unknown
Spruce Creek 0.0 to 1.7	1.7 miles	KY504170_01	05100101	Montgomery	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones
Stoner Creek 0.0 to 5.5	5.5 miles	KY504482_01	05100102	Bourbon	5-PS	PCR	Fecal Coliform	Source Unknown
Stoner Creek 5.5 to 15.0	9.5 miles	KY504482_02	05100102	Bourbon	5-NS	PCR	Fecal Coliform	Source Unknown
Stony Creek 0.0 to 3.0	3 miles	KY504500_00	05100101	Nicholas	5-NS	WAH	Cause Unknown	Source Unknown

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Straight Creek 0.0 to 1.8	1.8 miles	KY504549_00	05100101	Morgan	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Straight Creek 0.0 to 1.8	1.8 miles	KY504549_00	05100101	Morgan	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Loss of Riparian Habitat
Strodes Creek 2.7 to 19.3	16.6 miles	KY504593_00	05100102	Bourbon	5-NS	PCR	Fecal Coliform	Agriculture, Unspecified Urban Stormwater, Municipal Point Source Discharges, Agriculture, Unspecified Urban Stormwater, Municipal Point Source Discharges
Strodes Creek 2.7 to 19.3	16.6 miles	KY504593_00	05100102	Bourbon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Unspecified Urban Stormwater, Municipal Point Source Discharges
Strodes Creek 2.7 to 19.3	16.6 miles	KY504593_00	05100102	Bourbon	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Unspecified Urban Stormwater, Municipal Point Source Discharges
Strodes Creek 2.7 to 19.3	16.6 miles	KY504593_00	05100102	Bourbon	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Unspecified Urban Stormwater, Highways, Roads, Bridges, Infrastructure (New Construction), Habitat Modification - other than Hydromodification

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Threemile Creek 0.1 to 4.7	4.6 miles	KY505251_00	05100101	Campbell	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures), Source Unknown
Threemile Creek 0.1 to 4.7	4.6 miles	KY505251_00	05100101	Campbell	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Sanitary Sewer Overflows (Collection System Failures)
Threemile Creek 0.1 to 4.7	4.6 miles	KY505251_00	05100101	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	05100102	Bourbon	5-NS	PCR	Fecal Coliform	Source Unknown
Trace Fork 0.0 to 3.1	3.1 miles	KY505437_00	05100101	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Silviculture Harvesting, Loss of Riparian Habitat
Trace Fork 0.0 to 3.1	3.1 miles	KY505437_00	05100101	Magoffin	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Silviculture Harvesting
Trace Fork 0.0 to 3.1	3.1 miles	KY505437_00	05100101	Magoffin	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Subsurface (Hardrock) Mining, Streambank Modifications/destabilization, Loss of Riparian Habitat

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Licking River Basin
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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Triplett Creek 5.9 to 12.3	6.4 miles	KY516023_01	05100101	Rowan	5-NS/5-PS	PCR/ SCR	Fecal Coliform	Agriculture, Source Unknown, Unspecified Urban Stormwater, Municipal Point Source Discharges
Triplett Creek 5.9 to 12.3	6.4 miles	KY516023_01	05100101	Rowan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Triplett Creek 5.9 to 12.3	6.4 miles	KY516023_01	05100101	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	05100101	Rowan	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Municipal Point Source Discharges, Impacts from Hydrostructure Flow Regulation/modification, Highways, Roads, Bridges, Infrastructure (New Construction)
UT to Mill Creek 0.0 to 4.0	4 miles	KY498265-7.0_01	05100101	Fleming	5-NS	WAH	Phosphorus (Total)	Dairies (Outside Milk Parlor Areas), Unrestricted Cattle Access, Livestock (Grazing or Feeding Operations)
UT to Mill Creek 0.0 to 4.0	4 miles	KY498265-7.0_01	05100101	Fleming	5-NS	WAH	Sedimentation/ Siltation	Dairies (Outside Milk Parlor Areas), Unrestricted Cattle Access, Loss of Riparian Habitat, Livestock (Grazing or Feeding Operations), Highway/Road/Bridge Runoff (Non-construction Related)
UT to Mill Creek 0.0 to 4.0	4 miles	KY498265-7.0_01	05100101	Fleming	5-NS	WAH	Total Kjeldahl Nitrogen (TKN)	Dairies (Outside Milk Parlor Areas), Unrestricted Cattle Access, Livestock (Grazing or Feeding Operations)

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Licking River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to UT to Lees Creek 0.0 to 1.6	1.6 miles	KY496181-4.3_01	05100101	Mason	5-NS	WAH	Nitrate/ Nitrite (Nitrite + Nitrate as N)	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access, Loss of Riparian Habitat, Livestock (Grazing or Feeding Operations)
UT to UT to Lees Creek 0.0 to 1.6	1.6 miles	KY496181-4.3_01	05100101	Mason	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access, Loss of Riparian Habitat, Livestock (Grazing or Feeding Operations)
UT to UT to Lees Creek 0.0 to 1.6	1.6 miles	KY496181-4.3_01	05100101	Mason	5-NS	WAH	Total Kjeldahl Nitrogen (TKN)	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access, Loss of Riparian Habitat, Livestock (Grazing or Feeding Operations)
Williams Creek 0.0 to 5.3	5.3 miles	KY506817_00	05100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown

Salt-Licking Basin Unit 303(d) List
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	05100101	Rowan	5-PS	FC	Methylmercury	Atmospheric Deposition - Toxics, Source Unknown
Cave Run Lake	8270 acres	KY511277_00	05100101	Rowan	5-PS	PCR, SCR, WAH	pH	Source Unknown, Upstream Source
Doe Run Lake	51 acres	KYCLN082_00	05100101	Kenton	5-PS	WAH	Dissolved Gas Supersaturation	Source Unknown, Upstream Source
Doe Run Lake	51 acres	KYCLN082_00	05100101	Kenton	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown, Upstream Source
Doe Run Lake	51 acres	KYCLN082_00	05100101	Kenton	5-PS	WAH	Oxygen, Dissolved	Source Unknown, Upstream Source
Kincaid Lake	183 acres	KYCLN045_00	05100101	Pendleton	5-PS	WAH	Dissolved Gas Supersaturation	Agriculture
Kincaid Lake	183 acres	KYCLN045_00	05100101	Pendleton	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Kincaid Lake	183 acres	KYCLN045_00	05100101	Pendleton	5-PS	WAH	Oxygen, Dissolved	Agriculture

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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)
Allen Fork 2.0 to 4.6	2.6 miles	KY485869_00	05090203	Boone	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Unspecified Urban Stormwater
Allen Fork 2.0 to 4.6	2.6 miles	KY485869_00	05090203	Boone	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater
Big Sugar Cr. 0.7 to 2.0	1.3 miles	KY487280_01	05090203	Gallatin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Big Sugar Cr. 0.7 to 2.0	1.3 miles	KY487280_01	05090203	Gallatin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land)
Big Sugar Cr. 0.7 to 2.0	1.3 miles	KY487280_01	05090203	Gallatin	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Site Clearance (Land Development or Redevelopment), Highway/Road/Bridge Runoff (Non-construction Related)
Bracken Creek 2.8 to 11.0	8.2 miles	KY487783_01	05090201	Bracken	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Animal Feeding Operations (NPS), Grazing in Riparian or Shoreline Zones, Crop Production (Crop Land or Dry Land)
Briery Branch 0.2 to 2.2	2 miles	KY487905_01	05090201	Lewis	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Rural (Residential Areas), Grazing in Riparian or Shoreline Zones
Brush Creek 0.0 to 1.6	1.6 miles	KY488069_00	05090201	Campbell	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges
Cabin Creek 3.6 to 11.3	7.7 miles	KY488566_00	05090201	Mason	5-NS	WAH	Sedimentation/ Siltation	Agriculture, 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)
Clary Branch 0.0 to 1.9	1.9 miles	KY489562_01	05090201	Lewis	5-PS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels), Highway/Road/Bridge Runoff (Non-construction Related), Runoff from Forest/Grassland/Parkland
Dry Creek 0.2 to 7.0	6.8 miles	KY491168_00	05090203	Boone	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Unspecified Urban Stormwater, Municipal Point Source Discharges
Dry Creek 0.2 to 7.0	6.8 miles	KY491168_00	05090203	Boone	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Unspecified Urban Stormwater, Municipal Point Source Discharges
Dry Creek 1.1 to 3.0	1.9 miles	KY491178_00	05090203	Gallatin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Dry Creek 1.1 to 3.0	1.9 miles	KY491178_00	05090203	Gallatin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Dry Creek 1.1 to 3.0	1.9 miles	KY491178_00	05090203	Gallatin	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Highway/Road/Bridge Runoff (Non-construction Related)
Fourmile Creek 0.2 to 8.5	8.3 miles	KY492390_01	05090201	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	05090201	Bracken	5-PS	WAH	Cause Unknown	Natural Sources, Surface Mining
Gunpowder Creek 0.0 to 15.0	15 miles	KY493502_01	05090203	Boone	5-NS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment)

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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)
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	05090203	Boone	5-PS	WAH	Cause Unknown	Unspecified Urban Stormwater
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_01	05090201	Lewis	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Silviculture Activities, Livestock (Grazing or Feeding Operations)
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_01	05090201	Lewis	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Sewage Discharges in Unsewered Areas, Livestock (Grazing or Feeding Operations)
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_01	05090201	Lewis	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Silviculture Activities, Dredging (E.g., for Navigation Channels)
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
Locust Creek 0.0 to 4.1	4.1 miles	KY496941_01	05090201	Bracken	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)
Locust Creek 4.1 to 12.2	8.1 miles	KY496941_02	05090201	Bracken	5-NS	WAH	Cause Unknown	Source Unknown
Montgomery Creek 0.0 to 6.5	6.5 miles	KY498512_01	05090201	Lewis	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones
Montgomery Creek 0.0 to 6.5	6.5 miles	KY498512_01	05090201	Lewis	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Sewage Discharges in Unsewered Areas
Montgomery Creek 0.0 to 6.5	6.5 miles	KY498512_01	05090201	Lewis	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Site Clearance (Land Development or Redevelopment), Dredging (E.g., for Navigation Channels)
Salt Lick Creek 0.2 to 7.2	7 miles	KY502828_01	05090201	Lewis	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related), Runoff from Forest/Grassland/Parkland, Loss of Riparian Habitat, Impervious Surface/Parking Lot Runoff
Snag Creek 0.5 to 5.5	5 miles	KY503833_00	05090201	Bracken	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork Gunpowder Creek 4.1 to 6.8	2.7 miles	KY503926_02	05090203	Boone	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_01	05090203	Boone	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_01	05090203	Boone	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Package Plant or Other Permitted Small Flows Discharges

Salt-Licking 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)
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_01	05090203	Boone	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Site Clearance (Land Development or Redevelopment), Post-development Erosion and Sedimentation
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
Tenmile Cr. 0.05 to 1.15	1.1 miles	KY505071_01	05090201	Campbell	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Site Clearance (Land Development or Redevelopment), Livestock (Grazing or Feeding Operations)
Tenmile Cr. 0.05 to 1.15	1.1 miles	KY505071_01	05090201	Campbell	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Site Clearance (Land Development or Redevelopment), Livestock (Grazing or Feeding Operations)
Trace Creek 0.2 to 4.6	4.4 miles	KY505424_01	05090201	Lewis	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Silviculture Activities, Grazing in Riparian or Shoreline Zones
Trace Creek 0.2 to 4.6	4.4 miles	KY505424_01	05090201	Lewis	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Sewage Discharges in Unsewered Areas, Grazing in Riparian or Shoreline Zones
Trace Creek 0.2 to 4.6	4.4 miles	KY505424_01	05090201	Lewis	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Silviculture Activities, Dredging (E.g., for Navigation Channels)

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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)
Woolper Creek 2.8 to 7.2	4.4 miles	KY485711_01	05090203	Boone	5-NS	PCR	Fecal Coliform	Agriculture
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	05090203	Boone	5-NS	WAH	Cause Unknown	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	05090203	Boone	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	05090203	Boone	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	05090203	Boone	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_02	05090203	Boone	5-NS	WAH	Total Suspended Solids (TSS)	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Impacts from Hydrostructure Flow Regulation/modification

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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)
Alexandria Park Lake	6.1 acres	KY0062_00	05090201	Campbell	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Lake Jericho	137 acres	KY495230_00	05140101	Henry	5-NS	WAH	Dissolved Gas Supersaturation	Agriculture, Livestock (Grazing or Feeding Operations), Crop Production (Crop Land or Dry Land)
Lake Jericho	137 acres	KY495230_00	05140101	Henry	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Livestock (Grazing or Feeding Operations), Crop Production (Crop Land or Dry Land)
Lake Jericho	137 acres	KY495230_00	05140101	Henry	5-NS	WAH	Oxygen, Dissolved	Agriculture, Livestock (Grazing or Feeding Operations), Crop Production (Crop Land or Dry Land)

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	Cadmium	Landfills, Unspecified Urban Stormwater, Sanitary Sewer Overflows (Collection System Failures), Municipal Point Source Discharges
Beargrass Creek 0.5 to 1.8	1.3 miles	KY486584_01	05140101	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Combined Sewer Overflows, Unspecified Urban Stormwater, Municipal Point Source Discharges, Landfills
Beargrass Creek 0.5 to 1.8	1.3 miles	KY486584_01	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Combined Sewer Overflows, Unspecified Urban Stormwater, Municipal Point Source Discharges, Landfills
Beech Creek 4.6 to 19.6	15 miles	KY486700_01	05140102	Shelby	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Beech Fork 39.5 to 50.4	10.9 miles	KY486703_02	05140103	Nelson	5-NS	PCR	Fecal Coliform	Source Unknown
Big South Fork 0.0 to 12.4	12.4 miles	KY487258_01	05140103	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	05140102	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	05140102	Spencer	5-NS	PCR	Fecal Coliform	Source Unknown
Brooks Run 0.0 to 2.5	2.5 miles	KY487968_01	05140102	Bullitt	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Brooks Run 0.0 to 2.5	2.5 miles	KY487968_01	05140102	Bullitt	5-PS	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)
Brooks Run 2.5 to 4.1	1.6 miles	KY487968_02	05140102	Bullitt	5-PS	PCR	Fecal Coliform	Municipal Point Source Discharges
Brooks Run 2.5 to 4.1	1.6 miles	KY487968_02	05140102	Bullitt	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Brooks Run 2.5 to 4.1	1.6 miles	KY487968_02	05140102	Bullitt	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Brooks Run 4.1 to 6.1	2 miles	KY487968_03	05140102	Bullitt	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges
Brooks Run 4.1 to 6.1	2 miles	KY487968_03	05140102	Bullitt	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Brooks Run 4.1 to 6.1	2 miles	KY487968_03	05140102	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	05140102	Bullitt	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Site Clearance (Land Development or Redevelopment), Post-development Erosion and Sedimentation
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	05140103	Washington	5-PS	PCR	Fecal Coliform	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)
Cartwright Creek 0.0 to 6.6	6.6 miles	KY489030_01	05140103	Washington	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Cartwright Creek 0.0 to 6.6	6.6 miles	KY489030_01	05140103	Washington	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat
Cartwright Creek 6.6 to 12.6	6 miles	KY489030_02	05140103	Washington	5-PS	WAH	Cause Unknown	Source Unknown
Chaplin River 0.0 to 23.1	23.1 miles	KY489350_01	05140103	Nelson	5-NS	PCR	Fecal Coliform	Source Unknown
Chaplin River 63.0 to 69.7	6.7 miles	KY489350_04	05140103	Mercer	5-NS	WAH	Cause Unknown	Source Unknown
Cheese Lick 0.7 to 4.4	3.7 miles	KY489380_01	05140103	Anderson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Cheese Lick 0.7 to 4.4	3.7 miles	KY489380_01	05140103	Anderson	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones, Streambank Modifications/destabilization, Loss of Riparian Habitat
Chenoweth Run 0.0 to 5.2	5.2 miles	KY489391_01	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Unspecified Urban Stormwater, Municipal Point Source Discharges, Livestock (Grazing or Feeding Operations)
Chenoweth Run 5.2 to 9.2	4 miles	KY489391_02	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Unspecified Urban Stormwater, Municipal Point Source Discharges, Livestock (Grazing or Feeding Operations)
Clear Creek 0 to 4.4	4.4 miles	KY489613_00	05140103	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	05140102	Shelby	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Unspecified Urban Stormwater, Livestock (Grazing or Feeding Operations)
Clear Creek 0.0 to 11.0	11 miles	KY489615_00	05140102	Shelby	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Unspecified Urban Stormwater, Livestock (Grazing or Feeding Operations)
Clear Creek 0.0 to 11.0	11 miles	KY489615_00	05140102	Shelby	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Unspecified Urban Stormwater, Livestock (Grazing or Feeding Operations)
Cox Creek 0.0 to 4.7	4.7 miles	KY490220_01	05140102	Bullitt	5-PS	PCR	Fecal Coliform	Source Unknown
Cox Creek 11.2 to 15.5	4.3 miles	KY490220_02	05140102	Nelson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
Crooked Creek 5.6 to 12.8	7.2 miles	KY490379_00	05140103	Bullitt	5-NS	WAH	Cause Unknown	Source Unknown
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_01	05140102	Oldham	5-NS	PCR	Fecal Coliform	Highway/Road/Bridge Runoff (Non-construction Related), Package Plant or Other Permitted Small Flows Discharges, 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)
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_01	05140102	Oldham	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Site Clearance (Land Development or Redevelopment), Habitat Modification - other than Hydromodification, Discharges from Municipal Separate Storm Sewer Systems (MS4)
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_01	05140102	Oldham	5-PS	WAH	Oxygen, Dissolved	Agriculture, Site Clearance (Land Development or Redevelopment), Habitat Modification - other than Hydromodification, Discharges from Municipal Separate Storm Sewer Systems (MS4)
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_01	05140102	Oldham	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Site Clearance (Land Development or Redevelopment), Habitat Modification - other than Hydromodification, Discharges from Municipal Separate Storm Sewer Systems (MS4)
Doe Run 4.1 to 7.9	3.8 miles	KY490968_00	05140104	Meade	5-NS	PCR	Fecal Coliform	Source Unknown
East Fork Beech Fork 0.0 to 1.9	1.9 miles	KY491439_01	05140103	Washington	5-PS	WAH	Cause Unknown	Source Unknown
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_01	05140102	Jefferson	5-PS	WAH	Ammonia (Un-ionized)	Municipal Point Source Discharges, Unspecified Urban Stormwater
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_01	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Landfills, Unspecified Urban Stormwater, 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)
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_01	05140102	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills, Unspecified Urban Stormwater, Municipal Point Source Discharges
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_01	05140102	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Landfills, Unspecified Urban Stormwater, Municipal Point Source Discharges
Fern Creek 1.3 to 4.4	3.1 miles	KY492042_02	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Landfills, Unspecified Urban Stormwater, Municipal Point Source Discharges
Fern Creek 1.3 to 4.4	3.1 miles	KY492042_02	05140102	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Fern Creek 1.3 to 4.4	3.1 miles	KY492042_02	05140102	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Fern Creek 4.4 to 5.9	1.5 miles	KY492042_03	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Fern Creek 4.4 to 5.9	1.5 miles	KY492042_03	05140102	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, 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)
Fern Creek 4.4 to 5.9	1.5 miles	KY492042_03	05140102	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Floyds Fork 0.0 to 11.6	11.6 miles	KY492278_01	05140102	Bullitt	5-NS	PCR	Fecal Coliform	Source Unknown
Floyds Fork 11.6 to 24.2	12.6 miles	KY492278_02	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Package Plant or Other Permitted Small Flows Discharges, Municipal Point Source Discharges
Floyds Fork 24.2 to 34.1	9.9 miles	KY492278_03	05140102	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	05140102	Jefferson	5-NS	WAH	Sedimentation/Siltation	Agriculture, Urban Runoff/Storm Sewers, Municipal Point Source Discharges, Grazing in Riparian or Shoreline Zones
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)
Glens Cr. 0.0 to 4.8	4.8 miles	KY492904_01	05140103	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-PS	WAH	Cadmium	Illegal Dumps or Other Inappropriate Waste Disposal, Municipal Point Source Discharges, Industrial Point Source Discharge
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-PS	WAH	Cadmium	Source Unknown
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

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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	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)
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	05140102	Shelby	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Upstream Impoundments (e.g., Pl-566 NRCS Structures), Unspecified Urban Stormwater, Livestock (Grazing or Feeding Operations)
Hardins Creek 0.0 to 5.0	5 miles	KY493728_01	05140104	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	05140104	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	05140104	Breckinridge	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Hardins Creek 5.2 to 11.4	6.2 miles	KY493728_02	05140104	Breckinridge	5-PS	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)
Hardins Creek 13.3 to 22.9	9.6 miles	KY493729_02	05140103	Marion	5-PS	WAH	Nitrate/ Nitrite (Nitrite + Nitrate as N)	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access, Loss of Riparian Habitat
Hardins Creek 13.3 to 22.9	9.6 miles	KY493729_02	05140103	Marion	5-PS	WAH	Phosphorus (Total)	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access, Loss of Riparian Habitat
Hardy Creek 0.0 to 1.4	1.4 miles	KY493737_01	05140101	Trimble	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Urban Runoff/Storm Sewers, Streambank Modifications/destabilization, Loss of Riparian Habitat, Highway/Road/Bridge Runoff (Non-construction Related), Grazing in Riparian or Shoreline Zones
Hardy Creek 0.0 to 1.4	1.4 miles	KY493737_01	05140101	Trimble	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land), Urban Runoff/Storm Sewers, Streambank Modifications/destabilization, Loss of Riparian Habitat, Highway/Road/Bridge Runoff (Non-construction Related), Grazing in Riparian or Shoreline Zones
Hardy Creek 1.6 to 5.6	4 miles	KY493737_02	05140101	Trimble	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)
Harrods Creek 0.0 to 3.2	3.2 miles	KY493826_01	05140101	Oldham	5-PS	PCR	Fecal Coliform	Highway/Road/Bridge Runoff (Non-construction Related), Package Plant or Other Permitted Small Flows Discharges, Municipal (Urbanized High Density Area)
Harrods Creek 3.2 to 33.3	30.1 miles	KY493826_02	05140101	Oldham	5-PS	PCR	Fecal Coliform	Highway/Road/Bridge Runoff (Non-construction Related), Package Plant or Other Permitted Small Flows Discharges, Municipal (Urbanized High Density Area)
Hayden Cr. 0.0 to 1.3	1.3 miles	KY493903_01	05140103	Mercer	5-NS	WAH	Other	Source Unknown
Hite Creek 0.0 to 5.5	5.5 miles	KY494393_00	05140101	Jefferson	5-NS	WAH	Cause Unknown	Municipal Point Source Discharges
Jeptha Creek 0.0 to 0.7	0.7 miles	KY495221_00	05140102	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	05140102	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	05140103	Marion	5-PS	WAH	Cause Unknown	Source Unknown
Lick Run Creek 0.0 to 3.5	3.5 miles	KY513414_00	05140104	Breckinridge	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Managed Pasture Grazing
Lick Run Creek 0.0 to 3.5	3.5 miles	KY513414_00	05140104	Breckinridge	5-PS	WAH	Sedimentation/ Siltation	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)
Little Goose Creek 0.0 to 9.2	9.2 miles	KY496745_00	05140101	Jefferson	5-PS	PCR	Fecal Coliform	Urban Runoff/Storm Sewers
Little Kentucky River 21.0 to 27.0	6 miles	KY496778_02	05140101	Henry	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Little Kentucky River 21.0 to 27.0	6 miles	KY496778_02	05140101	Henry	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Long Lick Creek 0.0 to 10.5	10.5 miles	KY497124_01	05140102	Bullitt	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access, Loss of Riparian Habitat
Long Run 0.0 to 10.0	10 miles	KY497142_00	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Unspecified Urban Stormwater, Municipal Point Source Discharges, Livestock (Grazing or Feeding Operations)
Mellins Br. 0.0 to 1.5	1.5 miles	KY496047_01	05140101	Carroll	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones
Mellins Br. 0.0 to 1.5	1.5 miles	KY496047_01	05140101	Carroll	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Grazing in Riparian or Shoreline Zones, Site Clearance (Land Development or Redevelopment)
Middle Fork Beargrass Creek 0.0 to 2.0	2 miles	KY498112_01	05140101	Jefferson	5-NS	WAH	Cadmium	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	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures), 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 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-PS	WAH	Cadmium	Unspecified Urban Stormwater
Middle Fork Beargrass Creek 2.0 to 2.9	0.9 miles	KY498112_02	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Combined Sewer Overflows, Unspecified Urban Stormwater, Municipal Point Source Discharges, Landfills
Middle Fork Beargrass Creek 2.9 to 15.3	12.4 miles	KY498112_03	05140101	Jefferson	5-PS	WAH	Cadmium	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Sanitary Sewer Overflows (Collection System Failures)
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	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Municipal Point Source 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)
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_00	05140101	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges, Industrial Point Source Discharge
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_00	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges, Industrial Point Source Discharge
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_00	05140101	Jefferson	5-NS	WAH	Sedimentation/ Siltation	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Industrial Point Source Discharge
Mill Creek Cutoff 0.0 to 6.7	6.7 miles	KY498275_01	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Muddy Fork Beargrass Creek 0.0 to 6.9	6.9 miles	KY499042_00	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Landfills, Unspecified Urban Stormwater, Municipal Point Source Discharges
Northern Ditch 0.0 to 7.3	7.3 miles	KY501047-1.9-15.0_01	05140102	Jefferson	5-PS	WAH	Ammonia (Un-ionized)	Municipal Point Source 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)
Northern Ditch 0.0 to 7.3	7.3 miles	KY501047-1.9-15.0_01	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Northern Ditch 0.0 to 7.3	7.3 miles	KY501047-1.9-15.0_01	05140102	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Northern Ditch 0.0 to 7.3	7.3 miles	KY501047-1.9-15.0_01	05140102	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Otter Creek 0.0 to 10.7	10.7 miles	KY500026_00	05140104	Meade	5-PS	PCR	Fecal Coliform	Landfills, Unspecified Urban Stormwater, Municipal Point Source Discharges, Livestock (Grazing or Feeding Operations)
Otter Creek 0.0 to 2.9	2.9 miles	KY500024_01	05140103	Larue	5-PS	PCR	Fecal Coliform	Source Unknown
Pennsylvania Run 0.0 to 3.3	3.3 miles	KY500387_01	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, 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)
Pennsylvania Run 0.0 to 3.3	3.3 miles	KY500387_01	05140102	Jefferson	5-NS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels), Upstream Impoundments (e.g., Pl-566 NRCS Structures), Streambank Modifications/destabilization, Runoff from Forest/Grassland/Parkland, Loss of Riparian Habitat
Pleasant Run 4.2 to 6.9	2.7 miles	KY500907_01	05140103	Washington	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Pleasant Run 4.2 to 6.9	2.7 miles	KY500907_01	05140103	Washington	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Unrestricted Cattle Access, Streambank Modifications/destabilization
Plum Creek 0.0 to 17.8	17.8 miles	KY500965_01	05140102	Spencer	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Plum Creek 0.0 to 17.8	17.8 miles	KY500965_01	05140102	Spencer	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Site Clearance (Land Development or Redevelopment)
Pond Creek 0.0 to 1.5	1.5 miles	KY501047_00	05140101	Oldham	5-PS	WAH	Chlorine	Municipal Point Source Discharges
Pond Creek 0.0 to 1.5	1.5 miles	KY501047_00	05140101	Oldham	5-PS	WAH	Nutrient/ Eutrophication 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)
Pond Creek 0.0 to 1.5	1.5 miles	KY501047_00	05140101	Oldham	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Pond Creek/Southern Ditch 5.1 to 8.1	3 miles	KY501046_01	05140102	Jefferson	5-NS	WAH	Ammonia (Un-ionized)	Package Plant or Other Permitted Small Flows Discharges
Pond Creek/Southern Ditch 5.1 to 8.1	3 miles	KY501046_01	05140102	Jefferson	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Package Plant or Other Permitted Small Flows Discharges
Pond Creek/Southern Ditch 5.1 to 8.1	3 miles	KY501046_01	05140102	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Pond Creek/Southern Ditch 5.1 to 8.1	3 miles	KY501046_01	05140102	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	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Unspecified Urban Stormwater, Municipal Point Source Discharges
Road Run 0.0 to 7.1	7.1 miles	KY502031_01	05140103	Washington	5-PS	WAH	Phosphorus (Total)	Impervious Surface/Parking Lot Runoff, Wet Weather Discharges (Non-Point Source), Urban Runoff/Storm Sewers, Municipal Point Source Discharges, Municipal (Urbanized High Density Area), 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)
Rolling Fork 0.0 to 40.7	40.7 miles	KY502293_01	05140103	Larue	5-NS	PCR	Fecal Coliform	Source Unknown
Salt River 11.9 to 26.2	14.3 miles	KY502830_01	05140102	Bullitt	5-NS	PCR	Fecal Coliform	Source Unknown
Salt River 11.9 to 26.2	14.3 miles	KY502830_01	05140102	Bullitt	5-PS	FC	Methylmercury	Source Unknown
Salt River 78.0 to 89.0	11 miles	KY502830_05	05140102	Anderson	5-NS	FC	Methylmercury	Atmospheric Deposition - Toxics, Source Unknown
Short Creek 0.0 to 5.0	5 miles	KY503442_01	05140103	Washington	5-PS	WAH	Cause Unknown	Source Unknown
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_02	05140104	Breckinridge	5-NS	PCR	Fecal Coliform	Agriculture, Municipal Point Source Discharges
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_02	05140104	Breckinridge	5-PS	CAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_02	05140104	Breckinridge	5-PS	CAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_02	05140104	Breckinridge	5-PS	CAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Sinking Creek 15.4 to 39.7	24.3 miles	KY515434_03	05140104	Breckinridge	5-PS	PCR	Fecal Coliform	Agriculture, Municipal Point Source Discharges
South Fork Beargrass Creek 0.0 to 2.7	2.7 miles	KY503905_01	05140101	Jefferson	5-PS	WAH	Cadmium	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, 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)
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	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 2.7 to 13.6	10.9 miles	KY503905_02	05140101	Jefferson	5-NS	WAH	Nutrient/ Eutrophication 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	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, 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)
Southern Ditch 0.0 to 5.9	5.9 miles	KY501047-15.0_01	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Sulphur Creek 0.0 to 10.0	10 miles	KY504729_01	05140103	Anderson	5-PS	PCR	Fecal Coliform	Source Unknown
Thompson Cr. 0.0 to 9.2	9.2 miles	KY505206_01	05140103	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	05140104	Hardin	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related), Upstream Source, Residential Districts, NPS Pollution from Military Base Facilities (Other than Port Facilities)
UT to Brooks Run 0.0 to 2.0	2 miles	KY487968-4.3_01	05140102	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	05140102	Bullitt	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges, Urban Runoff/Storm Sewers
UT to Brooks Run 0.0 to 2.0	2 miles	KY487968-4.3_01	05140102	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	05140102	Bullitt	5-NS	WAH	Sedimentation/ Siltation	Channelization, Urban Runoff/Storm Sewers, Unspecified Urban Stormwater, Residential Districts, Loss of Riparian Habitat, Impervious Surface/Parking Lot Runoff, Highway/Road/Bridge Runoff (Non-construction Related)
UT to Hammond Creek 0.0 to 1.8	1.8 miles	KY493640-5.2_01	05140102	Anderson	5-NS	WAH	Nitrate/ Nitrite (Nitrite + Nitrate as N)	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access
UT to Hammond Creek 0.0 to 1.8	1.8 miles	KY493640-5.2_01	05140102	Anderson	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access, Loss of Riparian Habitat
UT to Hammond Creek 0.0 to 1.8	1.8 miles	KY493640-5.2_01	05140102	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	05140101	Oldham	5-NS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
UT to Pond Creek 0.0 to 0.5	0.5 miles	KY501047-1.5_01	05140101	Oldham	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
UT to Pond Creek 0.0 to 0.5	0.5 miles	KY501047-1.5_01	05140101	Oldham	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows 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)
UT to Salt River 0.0 to 2.4	2.4 miles	KY502830-124.5_01	05140102	Mercer	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access, Streambank Modifications/destabilization, Loss of Riparian Habitat, Livestock (Grazing or Feeding Operations)
UT to Southern Ditch 0.0 to 2.6	2.6 miles	KYDOW014-1.1_01	05140102	Jefferson	5-NS	WAH	Sedimentation/ Siltation	Channelization, Urban Runoff/Storm Sewers, Package Plant or Other Permitted Small Flows Discharges, Municipal (Urbanized High Density Area), Loss of Riparian Habitat, Impervious Surface/Parking Lot Runoff, Impacts from Hydrostructure Flow Regulation/modification
UT to UT to Guist Creek 0.0 to 2.4	2.4 miles	KY493463-33.0-1.4_01	05140102	Shelby	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access, Loss of Riparian Habitat, Livestock (Grazing or Feeding Operations)
Wetwoods Creek (Slop Ditch) 0.0 to 3.7	3.7 miles	KY501047-15.0-3.8_01	05140102	Jefferson	5-PS	WAH	Cadmium	Industrial Point Source Discharge, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Wetwoods Creek (Slop Ditch) 0.0 to 3.7	3.7 miles	KY501047-15.0-3.8_01	05140102	Jefferson	5-NS	PCR	Fecal Coliform	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)
Wilson Creek 0.0 to 2.2	2.2 miles	KY506901_01	05140103	Bullitt	5-NS	WAH	Oxygen, Dissolved	Commercial Districts (Industrial Parks), Urban Runoff/Storm Sewers, 'Municipal (Urbanized High Density Area), Impervious Surface/Parking Lot Runoff
Wilson Creek 0.0 to 2.2	2.2 miles	KY506901_01	05140103	Bullitt	5-NS	WAH	Sedimentation/ Siltation	Commercial Districts (Industrial Parks), Urban Runoff/Storm Sewers, Municipal (Urbanized High Density Area), Impervious Surface/Parking Lot Runoff
Wilson Creek 0.0 to 2.2	2.2 miles	KY506901_01	05140103	Bullitt	5-NS	WAH	Total Kjeldahl Nitrogen (TKN)	Commercial Districts (Industrial Parks), Urban Runoff/Storm Sewers, Municipal (Urbanized High Density Area), Impervious Surface/Parking Lot Runoff
Withrow Creek 0.0 to 3.9	3.9 miles	KY506974_01	05140103	Nelson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Other Spill Related Impacts
Withrow Creek 0.0 to 3.9	3.9 miles	KY506974_01	05140103	Nelson	5-PS	WAH	Oxygen, Dissolved	Other Spill Related Impacts
Yellowbank Creek 1.5 to 12.0	10.5 miles	KY516507_01	05140104	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	05140104	Breckinridge	5-PS	WAH	Sedimentation/ Siltation	Channel Erosion/Incision from Upstream Hydromodifications, Streambank Modifications/destabilization

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)
Younger Creek 0.0 to 4.5	4.5 miles	KY507254_01	05140103	Hardin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Silviculture Activities
Younger Creek 0.0 to 4.5	4.5 miles	KY507254_01	05140103	Hardin	5-PS	WAH	Sedimentation/ Siltation	Channelization, Silviculture Activities, Loss of Riparian Habitat, 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)
Chickasaw Park Pond	1.5 acres	KYDOW015_00	05140101	Jefferson	5-PS	FC	Methylmercury	Source Unknown
Guist Creek Lake	317 acres	KY493464_00	05140102	Shelby	5-NS	WAH	Dissolved Gas Supersaturation	Agriculture, Rural (Residential Areas), On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Guist Creek Lake	317 acres	KY493464_00	05140102	Shelby	5-NS	WAH	Manganese	Natural Sources
Guist Creek Lake	317 acres	KY493464_00	05140102	Shelby	5-NS	WAH	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	05140102	Shelby	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Rural (Residential Areas), Agriculture
Guist Creek Lake	317 acres	KY493464_00	05140102	Shelby	5-NS	WAH	Oxygen, Dissolved	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Rural (Residential Areas), Agriculture
McNeely Lake	51 acres	KY497757_00	05140102	Jefferson	5-PS	FC	Methylmercury	Atmospheric Deposition - Toxics, Source Unknown
Shelby Lake	17 acres	KY503322_00	05140102	Shelby	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Internal Nutrient Recycling

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)
Taylorsville Lake	3050 acres	KYCLN141_00	05140102	Spencer	5-PS	WAH	Dissolved Gas Supersaturation	Agriculture, Upstream Source, Municipal Point Source Discharges, Livestock (Grazing or Feeding Operations)
Taylorsville Lake	3050 acres	KYCLN141_00	05140102	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)
Willisburg Lake	126 acres	KY506852_00	05140103	Washington	5-PS	WAH	Dissolved Gas Supersaturation	Source Unknown, Upstream Source
Willisburg Lake	126 acres	KY506852_00	05140103	Washington	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown, Upstream Source
Willisburg Lake	126 acres	KY506852_00	05140103	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	05130205	Trigg	5-PS	WAH	Sedimentation/ Siltation	Sources Outside State Jurisdiction or Borders
Claylick Creek 1.9 to 4.8	2.9 miles	KY489591_01	05130205	Crittenden	5-NS	PCR	Fecal Coliform	Agriculture
Claylick Creek 4.8 to 10.7	5.9 miles	KY489591_02	05130205	Crittenden	5-NS	PCR	Fecal Coliform	Agriculture
Claylick Creek 4.8 to 10.7	5.9 miles	KY489591_02	05130205	Crittenden	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Agriculture, Non-irrigated Crop Production, Crop Production (Crop Land or Dry Land)
Claylick Creek 4.8 to 10.7	5.9 miles	KY489591_02	05130205	Crittenden	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Livestock (Grazing or Feeding Operations), Crop Production (Crop Land or Dry Land), Agriculture
Claylick Creek 10.7 to 13.9	3.2 miles	KY489591_03	05130205	Crittenden	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-irrigated Crop Production, Livestock (Grazing or Feeding Operations), Crop Production (Crop Land or Dry Land), Agriculture
Crab Creek 0.0 to 4.8	4.8 miles	KY490240_01	05130205	Lyon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Grazing in Riparian or Shoreline Zones
Crab Creek 0.0 to 4.8	4.8 miles	KY490240_01	05130205	Lyon	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Grazing in Riparian or Shoreline Zones
Cypress Creek 0.1 to 6.1	6 miles	KY490524_01	05130205	Livingston	5-NS	WAH	Phosphorus (Total)	Agriculture, Crop Production (Crop Land or Dry Land), Non-irrigated Crop Production, Loss of Riparian Habitat
Cypress Creek 0.1 to 6.1	6 miles	KY490524_01	05130205	Livingston	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Agriculture, Non-irrigated Crop Production, Crop Production (Crop Land or Dry Land)

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
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)
Donaldson Creek 7.2 to 9.3	2.1 miles	KY491000_02	05130205	Trigg	5-PS	WAH	Cause Unknown	Dredge Mining
Dry Creek 0.0 to 3.6	3.6 miles	KY491176_00	05130205	Caldwell	5-PS	WAH	Cause Unknown	Source Unknown
Dry Creek 0.0 to 3.6	3.6 miles	KY491176_00	05130205	Caldwell	5-NS	PCR	Fecal Coliform	Animal Feeding Operations (NPS)
Dry Fork 0.0 to 7.3	7.3 miles	KY491181_01	05130206	Logan	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Non-irrigated Crop Production, Loss of Riparian Habitat, Unrestricted Cattle Access, Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Grazing in Riparian or Shoreline Zones
Dry Fork 0.0 to 7.3	7.3 miles	KY491181_01	05130206	Logan	5-PS	WAH	Oxygen, Dissolved	Non-irrigated Crop Production, Loss of Riparian Habitat, Unrestricted Cattle Access, Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Grazing in Riparian or Shoreline Zones
Dry Fork 0.0 to 7.3	7.3 miles	KY491181_01	05130206	Logan	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Loss of Riparian Habitat, Unrestricted Cattle Access, Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations), Grazing in Riparian or Shoreline Zones
Dry Fork Creek 5.8 to 6.6	0.8 miles	KY491216_00	05130206	Christian	5-NS	WAH	Sedimentation/ Siltation	Source Unknown
Eddy Creek 8.4 to 10.5	2.1 miles	KY491550_01	05130205	Lyon	5-NS	PCR	Fecal Coliform	Source Unknown
Eddy Creek 13.0 to 15.7	2.7 miles	KY491550_03	05130205	Caldwell	5-NS	PCR	Fecal Coliform	Package Plant or Other Permitted Small Flows Discharges

Tennessee-Mississippi-Cumberland Basin Unit 303(d) List
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)
Eddy Creek 13.0 to 15.7	2.7 miles	KY491550_03	05130205	Caldwell	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Rural (Residential Areas), Agriculture
Eddy Creek 13.0 to 15.7	2.7 miles	KY491550_03	05130205	Caldwell	5-NS	WAH	Phosphorus (Total)	Rural (Residential Areas), Agriculture
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_02	05130206	Todd	5-NS	WAH	Cause Unknown	Source Unknown
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_02	05130206	Todd	5-PS	PCR	Fecal Coliform	Municipal Point Source Discharges
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_02	05130206	Todd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_02	05130206	Todd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Ferguson Creek 0.0 to 1.2	1.2 miles	KY492034_01	05130205	Livingston	5-NS	PCR	Fecal Coliform	Source Unknown
Ferguson Creek 1.2 to 2.3	1.1 miles	KY492034_02	05130205	Livingston	5-PS	WAH	Cause Unknown	Source Unknown
Hickory Creek 0.0 to 3.9	3.9 miles	KY494122_00	05130205	Livingston	5-NS	PCR	Fecal Coliform	Source Unknown
Kenady Creek 0.0 to 4.0	4 miles	KY495638_00	05130205	Trigg	5-PS	WAH	Cause Unknown	Source Unknown
Little River 14.7 to 20.6	5.9 miles	KY496838_01	05130205	Trigg	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Little River 20.6 to 30.0	9.4 miles	KY496838_02	05130205	Trigg	5-PS	FC	Methylmercury	Source Unknown

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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)
Little River 20.6 to 30.0	9.4 miles	KY496838_02	05130205	Trigg	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Municipal Point Source Discharges, Agriculture
Little River 20.6 to 30.0	9.4 miles	KY496838_02	05130205	Trigg	5-PS	WAH	Phosphorus (Total)	Municipal Point Source Discharges, Agriculture
Little River 20.6 to 30.0	9.4 miles	KY496838_02	05130205	Trigg	5-PS	WAH	Sedimentation/ Siltation	Municipal Point Source Discharges, Agriculture
Little River 30.0 to 31.4	1.4 miles	KY496838_03	05130205	Trigg	5-PS	PCR	Fecal Coliform	Agriculture, Habitat Modification - other than Hydromodification
Little River 30.0 to 31.4	1.4 miles	KY496838_03	05130205	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	05130205	Trigg	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Habitat Modification - other than Hydromodification
Little River 31.4 to 45.5	14.1 miles	KY496838_04	05130205	Trigg	5-PS	PCR	Fecal Coliform	Municipal Point Source Discharges
Little River 31.4 to 45.5	14.1 miles	KY496838_04	05130205	Trigg	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Agriculture
Little River 31.4 to 45.5	14.1 miles	KY496838_04	05130205	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	05130205	Trigg	5-PS	WAH	Sedimentation/ Siltation	Source Unknown, Crop Production (Crop Land or Dry Land), Municipal Point Source Discharges, Agriculture
Little River 45.5 to 57.7	12.2 miles	KY496838_05	05130205	Christian	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)
Little River 45.5 to 57.7	12.2 miles	KY496838_05	05130205	Christian	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Little River 45.5 to 57.7	12.2 miles	KY496838_05	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Little River 45.5 to 57.7	12.2 miles	KY496838_05	05130205	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	05130205	Lyon	5-PS	PCR	Fecal Coliform	Source Unknown
Livingston Creek 4.6 to 7.0	2.4 miles	KY496913_01	05130205	Lyon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Livingston Creek 4.6 to 7.0	2.4 miles	KY496913_01	05130205	Lyon	5-PS	WAH, PCR, SCR	pH	Source Unknown
Livingston Creek 11.6 to 15.5	3.9 miles	KY496913_02	05130205	Lyon	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Loss of Riparian Habitat, Non-irrigated Crop Production, Crop Production (Crop Land or Dry Land), Agriculture
Livingston Creek 11.6 to 15.5	3.9 miles	KY496913_02	05130205	Lyon	5-NS	WAH	Phosphorus (Total)	Loss of Riparian Habitat, Non-irrigated Crop Production, Crop Production (Crop Land or Dry Land), Agriculture
Livingston Creek 11.6 to 15.5	3.9 miles	KY496913_02	05130205	Lyon	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-irrigated Crop Production, Crop Production (Crop Land or Dry Land), Agriculture, Channelization

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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)
Long Pond Branch 2.7 to 3.2	0.5 miles	KY497133_00	05130205	Trigg	5-NS	WAH	Sedimentation/ Siltation	Source Unknown
Lower Branch 3.4 to 9.3	5.9 miles	KY497263_00	05130205	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	05130205	Christian	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Crop Production (Crop Land or Dry Land), Streambank Modifications/destabilization, Non-irrigated Crop Production, Agriculture
Middle Branch of North Fork of Little River 1.3 to 3.9	2.6 miles	KY498099_01	05130205	Christian	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Streambank Modifications/destabilization, Non-irrigated Crop Production, Agriculture, Channelization
Muddy Fork 14.5 to 26.6	12.1 miles	KY499043_02	05130205	Trigg	5-NS	WAH	Cause Unknown	Source Unknown
North Fork of Little River 0.0 to 0.3	0.3 miles	KY499555_01	05130205	Christian	5-PS	PCR	Fecal Coliform	Source Unknown
North Fork of Little River 0.0 to 0.3	0.3 miles	KY499555_01	05130205	Christian	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
North Fork of Little River 0.0 to 0.3	0.3 miles	KY499555_01	05130205	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	05130205	Christian	5-NS	WAH	Sedimentation/ Siltation	Urban Runoff/Storm Sewers, Agriculture
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_02	05130205	Christian	5-PS	PCR	Fecal Coliform	Municipal Point Source Discharges

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Lower Cumberland River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_02	05130205	Christian	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_02	05130205	Christian	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_02	05130205	Christian	5-PS	WAH	Sedimentation/ Siltation	Agriculture
North Fork of Little River 7.0 to 10.9	3.9 miles	KY499555_03	05130205	Christian	5-NS	PCR	Fecal Coliform	Agriculture
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 Little River 10.9 to 16.1	5.2 miles	KY499555_04	05130205	Christian	5-NS	WAH	Cause Unknown	Source Unknown
North Fork Little River 10.9 to 16.1	5.2 miles	KY499555_04	05130205	Christian	5-NS	PCR	Fecal Coliform	Source Unknown
Pleasant Grove Creek 0.0 to 2.2	2.2 miles	KY500832_00	05130206	Logan	5-NS	PCR	Fecal Coliform	Grazing in Riparian or Shoreline Zones, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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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)
Pleasant Grove Creek 0.0 to 2.2	2.2 miles	KY500832_00	05130206	Logan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Pleasant Grove Creek 0.0 to 2.2	2.2 miles	KY500832_00	05130206	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	05130206	Logan	5-NS	PCR	Escherichia coli	Agriculture
Red River 54.5 to 56.9	2.4 miles	KY501672_02	05130206	Logan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Rural (Residential Areas), Agriculture
Red River 54.5 to 56.9	2.4 miles	KY501672_02	05130206	Logan	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Red River 57.0 to 65.8	8.8 miles	KY501672_03	05130206	Logan	5-NS	PCR	Escherichia coli	Agriculture
Red River 74.3 to 81.3	7 miles	KY501672_05	05130206	Simpson	5-PS	WAH	Cause Unknown	Source Unknown
Richland Creek 0.7 to 5.4	4.7 miles	KY501820_00	05130205	Livingston	5-NS	PCR	Fecal Coliform	Source Unknown
Sandy Creek 0.0 to 2.3	2.3 miles	KY502979_00	05130205	Livingston	5-NS	PCR	Fecal Coliform	Source Unknown
Sinking Fork 2.2 to 5.6	3.4 miles	KY503569_01	05130205	Trigg	5-PS	WAH	Cause Unknown	Source Unknown
Sinking Fork 13.6 to 16.8	3.2 miles	KY503569_02	05130205	Christian	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown

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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)
Sinking Fork 13.6 to 16.8	3.2 miles	KY503569_02	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Sinking Fork 31.0 to 32.7	1.7 miles	KY503569_04	05130205	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	05130205	Lyon	5-PS	CAH	Cause Unknown	Source Unknown
Skinframe Creek 0.0 to 4.8	4.8 miles	KY503607_00	05130205	Lyon	5-NS	PCR	Fecal Coliform	Source Unknown
Skinner Creek 0.0 to 5.8	5.8 miles	KY503615_01	05130205	Trigg	5-NS	WAH	Cause Unknown	Source Unknown
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_01	05130205	Christian	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_01	05130205	Christian	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges, Agriculture
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_01	05130205	Christian	5-NS	WAH	Other	Source Unknown
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_01	05130205	Christian	5-NS	WAH	Sedimentation/ Siltation	Agriculture
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_02	05130205	Christian	5-NS	PCR	Fecal Coliform	Agriculture
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_02	05130205	Christian	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_02	05130205	Christian	5-PS	WAH	Other	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 10.3 to 20.3	10 miles	KY503934_02	05130205	Christian	5-PS	WAH	Sedimentation/ Siltation	Agriculture
South Fork of Little River 21.3 to 26.1	4.8 miles	KY503934_03	05130205	Christian	5-NS	WAH	Cause Unknown	Source Unknown
Spring Creek 3.0 to 3.5	0.5 miles	KY504129_00	05130205	Lyon	5-NS	WAH	Cause Unknown	Loss of Riparian Habitat
Sugar Creek 1.0 to 1.4	0.4 miles	KY504647_00	05130205	Christian	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Sugar Creek 2.2 to 6.9	4.7 miles	KY504655_01	05130205	Livingston	5-PS	PCR	Fecal Coliform	Source Unknown
Upper Branch 0.0 to 2.8	2.8 miles	KY505861_00	05130205	Christian	5-PS	WAH	Cause Unknown	Source Unknown
UT to Dry Creek 0.0 to 2.1	2.1 miles	KY491170-2.7_01	05130205	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	05130206	Logan	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Agriculture, Non-irrigated Crop Production, Dairies (Outside Milk Parlor Areas)
UT to Little Whippoorwill Creek 0.1 to 0.6	0.5 miles	KY496894-2.6_01	05130206	Logan	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Agriculture, Non-irrigated Crop Production, Dairies (Outside Milk Parlor Areas), Channelization
UT to Little Whippoorwill Creek 0.1 to 0.6	0.5 miles	KY496894-2.6_01	05130206	Logan	5-NS	WAH	Total Kjeldahl Nitrogen (TKN)	Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Agriculture, Non-irrigated Crop Production, Dairies (Outside Milk Parlor Areas)

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Lower Cumberland River Basin

Streams

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	05130206	Christian	5-PS	CAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Rural (Residential Areas)
West Fork Red River 14.2 to 26.4	12.2 miles	KY506445_01	05130206	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	05130205	Trigg	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown, Natural Sources
Hematite Lake	90 acres	KY494017_00	05130205	Trigg	5-NS	WAH	Oxygen, Dissolved	Source Unknown, Natural Sources

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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)
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_02	08010201	Fulton	5-NS	PCR	Escherichia coli	Source Unknown
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_02	08010201	Fulton	5-NS	PCR	Fecal Coliform	Source Unknown
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_02	08010201	Fulton	5-NS	WAH	Iron	Municipal Point Source Discharges
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_02	08010201	Fulton	5-NS	WAH	Lead	Municipal Point Source Discharges
Brush Creek 0.0 to 6.3	6.3 miles	KY488071_00	08010201	Hickman	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Loss of Riparian Habitat, Channelization
Brush Creek 0.0 to 6.3	6.3 miles	KY488071_00	08010201	Hickman	5-PS	WAH	Total Dissolved Solids	Loss of Riparian Habitat, Non-irrigated Crop Production, Channelization
Brush Creek 0.0 to 8.4	8.4 miles	KY488070_00	08010201	Graves	5-PS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels), Agriculture, Channelization
Caldwell Creek 0.0 to 3.0	3 miles	KY488592_00	08010202	Graves	5-NS	WAH	Sedimentation/ Siltation	Channelization, Loss of Riparian Habitat, Crop Production (Crop Land or Dry Land)
Cane Creek 0.0 to 5.3	5.3 miles	KY488768_00	08010201	Hickman	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, Non-irrigated Crop Production
Cane Creek 0.0 to 5.3	5.3 miles	KY488768_00	08010201	Hickman	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Loss of Riparian Habitat
Cane Creek 0.3 to 4.1	3.8 miles	KY488772_00	08010100	Ballard	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown

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Streams

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	08010201	Hickman	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Cane Creek 0.0 to 4.4	4.4 miles	KY488771_01	08010201	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	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Goose Creek 0.0 to 4.4	4.4 miles	KY493008_00	08010201	Graves	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Channelization
Hazel Creek 0.0 to 3.7	3.7 miles	KY493948_00	08010100	Ballard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Hazel Creek 0.0 to 3.7	3.7 miles	KY493948_00	08010100	Ballard	5-NS	WAH	Sedimentation/ Siltation	Channelization
Hurricane Creek 0.0 to 3.7	3.7 miles	KY494824_01	08010201	Carlisle	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-irrigated Crop Production, Channelization, Highway/Road/Bridge Runoff (Non-construction Related)
Key Creek 0.0 to 1.9	1.9 miles	KY495709_01	08010201	Graves	5-NS	WAH	Cause Unknown	Source Unknown
Knob Creek 1.3 to 3.0	1.7 miles	KY495836_00	08010202	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	08010201	Carlisle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Lick Creek 0.0 to 2.2	2.2 miles	KY496478_01	08010201	Carlisle	5-PS	WAH	Oil and Grease	Source Unknown
Little Bayou de Chien 0.0 to 1.3	1.3 miles	KY496606_01	08010201	Hickman	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat

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Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Little Bayou de Chien 10.0 to 12.3	2.3 miles	KY496606_02	08010201	Fulton	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Crop Production (Crop Land or Dry Land)
Little Creek 0.0 to 5.3	5.3 miles	KY496690_00	08010201	Hickman	5-NS	WAH	Sedimentation/ Siltation	Channelization, Loss of Riparian Habitat
Little Cypress Creek 0.0 to 2.0	2 miles	KY496699_00	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Source Unknown
Little Cypress Creek 0.0 to 3.6	3.6 miles	KY496697_01	08010201	Hickman	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Agriculture, Non-irrigated Crop Production, Channelization
Little Mayfield Creek 0.0 to 10.6	10.6 miles	KY496794_01	08010201	Graves	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Rural (Residential Areas), Agriculture
Little Mayfield Creek 0.0 to 10.6	10.6 miles	KY496794_01	08010201	Graves	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Little Mud Creek 0.0 to 1.95	1.95 miles	KY496810_00	08010201	Fulton	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Little Mud Creek 0.0 to 1.95	1.95 miles	KY496810_00	08010201	Fulton	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Mayfield Creek 2.2 to 5.5	3.3 miles	KY497717_01	08010201	Carlisle	5-PS	WAH	Cause Unknown	Source Unknown
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	08010201	Carlisle	5-NS	WAH	Copper	Source Unknown
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	08010201	Carlisle	5-NS	PCR	Escherichia coli	Agriculture
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	08010201	Carlisle	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)
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	08010201	Carlisle	5-NS	WAH	Lead	Source Unknown
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	08010201	Carlisle	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	08010201	Carlisle	5-NS	PCR, SCR, WAH	pH	Source Unknown
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	08010201	Carlisle	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Mayfield Creek 20.4 to 36.1	15.7 miles	KY497717_06	08010201	McCracken	5-PS	WAH	Sedimentation/ Siltation	Channelization, Loss of Riparian Habitat
Mayfield Creek 36.1 to 38.2	2.1 miles	KY497717_07	08010201	Graves	5-PS	WAH	Sedimentation/ Siltation	Channelization
Mayfield Creek 38.2 to 40.8	2.6 miles	KY497717_08	08010201	Graves	5-NS	WAH	Cause Unknown	Channelization, Loss of Riparian Habitat
Mayfield Creek 38.2 to 40.8	2.6 miles	KY497717_08	08010201	Graves	5-NS	WAH	Copper	Source Unknown
Mayfield Creek 38.2 to 40.8	2.6 miles	KY497717_08	08010201	Graves	5-NS	PCR	Escherichia coli	Source Unknown
Mayfield Creek 38.2 to 40.8	2.6 miles	KY497717_08	08010201	Graves	5-NS	WAH	Iron	Source Unknown
Mayfield Creek 38.2 to 40.8	2.6 miles	KY497717_08	08010201	Graves	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Rural (Residential Areas), Agriculture
Mayfield Creek 38.2 to 40.8	2.6 miles	KY497717_08	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat
Mayfield Creek 40.8 to 43.7	2.9 miles	KY497717_09	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Channelization
Mayfield Creek 59.6 to 62.3	2.7 miles	KY497717_10	08010201	Carlisle	5-NS	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)
Mud Creek 0.0 to 7.8	7.8 miles	KY498982_00	08010201	Fulton	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Channelization, Loss of Riparian Habitat
Obion Creek 0.0. to 16.5	16.5 miles	KY499767_01	08010201	Fulton	5-NS	WAH	Copper	Source Unknown
Obion Creek 0.0. to 16.5	16.5 miles	KY499767_01	08010201	Fulton	5-NS	PCR	Escherichia coli	Agriculture
Obion Creek 0.0. to 16.5	16.5 miles	KY499767_01	08010201	Fulton	5-NS	WAH	Iron	Source Unknown
Obion Creek 0.0. to 16.5	16.5 miles	KY499767_01	08010201	Fulton	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Loss of Riparian Habitat, Impacts from Hydrostructure Flow Regulation/modification, Channelization
Obion Creek 40.8 to 44.2	3.4 miles	KY499767_03	08010201	Hickman	5-NS	WAH	Cause Unknown	Channelization, Source Unknown
Obion Creek 44.2 to 49.8	5.6 miles	KY499767_04	08010201	Hickman	5-PS	WAH	Sedimentation/ Siltation	Channelization, Crop Production (Crop Land or Dry Land)
Obion Creek 49.8 to 55.7	5.9 miles	KY499767_05	08010201	Graves	5-PS	WAH	Cause Unknown	Source Unknown
Obion Creek 49.8 to 55.7	5.9 miles	KY499767_05	08010201	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Opossum Creek 0.0 to 2.3	2.3 miles	KY499959_00	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Channelization
Relict (Natural Channel) Mayfield Creek 17.4 to 20.4	3 miles	KY497716_01	08010201	Carlisle	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Running Slough 0.0 to 16.2	16.2 miles	KY502469_00	08010202	Fulton	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)
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	08010100	Ballard	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat, Channelization
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawnee_ Creek_Slough _01	08010100	Ballard	5-NS	WAH	Iron	Source Unknown
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawnee_ Creek_Slough _01	08010100	Ballard	5-NS	WAH	Lead	Source Unknown
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawnee_ Creek_Slough _01	08010100	Ballard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Other Recreational Pollution Sources, Crop Production (Crop Land or Dry Land)
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawnee_ Creek_Slough _01	08010100	Ballard	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Other Recreational Pollution Sources, Crop Production (Crop Land or Dry Land)
South Fork of Bayou de Chien 0.0 to 2.0	2 miles	KY503904_01	08010201	Graves	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Channel Erosion/Incision from Upstream Hydromodifications, Loss of Riparian Habitat, Agriculture, 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)
South Fork of Bayou de Chien 0.0 to 2.0	2 miles	KY503904_01	08010201	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Impacts from Hydrostructure Flow Regulation/modification, Dredging (E.g., for Navigation Channels), Channel Erosion/Incision from Upstream Hydromodifications
South Fork Bayou de Chien 2.0 to 7.4	5.4 miles	KY503904_02	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Sugar Creek 0.0 to 1.3	1.3 miles	KY504653_00	08010201	Ballard	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Terrapin Creek 2.7 to 6.0	3.3 miles	KY505081_01	08010202	Graves	5-NS	PCR	Escherichia coli	Source Unknown
Truman Creek 3.2 to 4.1	0.9 miles	KY505525_02	08010201	Carlisle	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Agriculture, Crop Production (Crop Land or Dry Land), Channelization
UT to Brush Creek 0.0 to 1.9	1.9 miles	KY488070-2.6_01	08010201	Hickman	5-NS	WAH	Phosphorus (Total)	Non-irrigated Crop Production, Crop Production (Crop Land or Dry Land), Agriculture, Loss of Riparian Habitat
UT to Brush Creek 0.0 to 1.9	1.9 miles	KY488070-2.6_01	08010201	Hickman	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Crop Production (Crop Land or Dry Land), 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)
UT to Brush Creek 0.0 to 1.9	1.9 miles	KY488070-2.6_01	08010201	Hickman	5-NS	WAH	Total Kjeldahl Nitrogen (TKN)	Crop Production (Crop Land or Dry Land)
UT to Mayfield Creek 0.0 to 1.0	1 miles	KY497717-24.0_00	08010201	McCracken	5-NS	WAH	Sedimentation/ Siltation	Agriculture
UT to Mayfield Creek 1.1 to 3.5	2.4 miles	KY497717-28.6_00	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Agriculture
UT to Mud Creek 0.0 to 2.2	2.2 miles	KY498982-4.5_01	08010201	Fulton	5-NS	WAH	Nitrate/ Nitrite (Nitrite + Nitrate as N)	Agriculture, Non-irrigated Crop Production, Channelization, Loss of Riparian Habitat, Crop Production (Crop Land or Dry Land)
UT to Mud Creek 0.0 to 2.2	2.2 miles	KY498982-4.5_01	08010201	Fulton	5-NS	WAH	Oxygen, Dissolved	Agriculture, Non-irrigated Crop Production, Channelization, Loss of Riparian Habitat, Crop Production (Crop Land or Dry Land)
UT to Mud Creek 0.0 to 2.2	2.2 miles	KY498982-4.5_01	08010201	Fulton	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Non-irrigated Crop Production, Channelization, Loss of Riparian Habitat, Crop Production (Crop Land or Dry Land)
UT to Obion Creek 1.6 to 2.2	0.6 miles	KY499767-16.3_00	08010201	Hickman	5-NS	WAH	Cause Unknown	Source Unknown
Wilson Creek 0.0 to 2.1	2.1 miles	KY506898_01	08010201	Carlisle	5-NS	PCR	Escherichia coli	Agriculture
Wilson Creek 0.0 to 2.1	2.1 miles	KY506898_01	08010201	Carlisle	5-NS	WAH	Iron	Source Unknown

Tennessee-Mississippi-Cumberland 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)
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	05140206	McCracken	5-PS	WAH	Beta particles and photon emitters	Industrial Point Source Discharge, Inappropriate Waste Disposal
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	05140206	McCracken	5-PS	WAH	Copper	Non-irrigated Crop Production
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	05140206	McCracken	5-PS	WAH	Gross Alpha	Industrial Point Source Discharge, Inappropriate Waste Disposal
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	05140206	McCracken	5-PS	WAH	Lead	Industrial Point Source Discharge, Inappropriate Waste Disposal
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	05140206	McCracken	5-PS	WAH	Mercury	Industrial Point Source Discharge, Inappropriate Waste Disposal
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	05140206	McCracken	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Bayou Creek 0.5 to 11.9	11.4 miles	KY486491_01	05140206	McCracken	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Clanton Creek 0.0 to 4.9	4.9 miles	KY489524_00	05140206	Ballard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, Channelization, Non-irrigated Crop Production
Clanton Creek 0.0 to 4.9	4.9 miles	KY489524_00	05140206	Ballard	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Channelization, Non-irrigated Crop Production
Humphrey Creek 0.0 to 3.7	3.7 miles	KY494758_01	05140206	Ballard	5-PS	WAH	Cause Unknown	Source Unknown
Humphrey Creek 3.7 to 11.6	7.9 miles	KY494758_02	05140206	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
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

Tennessee-Mississippi-Cumberland 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)
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	05140206	McCracken	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related), Loss of Riparian Habitat, Dredging (E.g., for Navigation Channels)
Middle Fork of Massac Creek 0.0 to 6.4	6.4 miles	KY498130_01	05140206	McCracken	5-PS	WAH	Nitrate/ Nitrite (Nitrite + Nitrate as N)	Agriculture, Crop Production (Crop Land or Dry Land)
Middle Fork of Massac Creek 0.0 to 6.4	6.4 miles	KY498130_01	05140206	McCracken	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Agriculture
Newtons Creek 0.3 to 8.2	7.9 miles	KY499457_01	05140206	McCracken	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
UT to West Fork of Massac Creek 1.75 to 2.0	0.25 miles	KY506438-1.7_02	05140203	McCracken	5-PS	WAH	Ammonia (Total)	Package Plant or Other Permitted Small Flows Discharges

Tennessee-Mississippi-Cumberland 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)
Fish Lake	27 acres	KY492106_00	05140206	Ballard	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Metropolis Lake	36 acres	KY498089_00	05140206	McCracken	5-PS	FC	Methylmercury	Atmospheric Deposition - Toxics
Metropolis Lake	36 acres	KY498089_00	05140206	McCracken	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Internal Nutrient Recycling, Non-irrigated Crop Production, Shallow Lake/Reservoir Basin, Rural (Residential Areas)
Metropolis Lake	36 acres	KY498089_00	05140206	McCracken	5-PS	WAH	Oxygen, Dissolved	Shallow Lake/Reservoir Basin, Internal Nutrient Recycling, Rural (Residential Areas), Non-irrigated Crop Production

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	06040006	Marshall	5-PS	WAH	Cause Unknown	Source Unknown
Angle Creek 0.0 to 0.8	0.8 miles	KY485958_01	06040006	Marshall	5-NS	PCR	Fecal Coliform	Source Unknown
Bear Creek 4.0 to 7.2	3.2 miles	KY486553_02	06040005	Marshall	5-NS	PCR	Fecal Coliform	Package Plant or Other Permitted Small Flows Discharges, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_01	06040006	Calloway	5-NS	PCR	Fecal Coliform	Source Unknown
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_01	06040006	Calloway	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_01	06040006	Calloway	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_01	06040006	Calloway	5-NS	WAH	Sedimentation/ Siltation	Source Unknown
Bee Creek 0.7 to 2.0	1.3 miles	KY486666_02	06040006	Calloway	5-NS	PCR	Fecal Coliform	Source Unknown
Blizzard Pond Drainage Canal 0.0 to 3.7	3.7 miles	KY487484_01	06040006	McCracken	5-NS	PCR	Fecal Coliform	Source Unknown

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)
Blizzard Pond Drainage Canal 0.0 to 3.7	3.7 miles	KY487484_01	06040006	McCracken	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Rural (Residential Areas), Package Plant or Other Permitted Small Flows Discharges, Sand/gravel/rock Mining or Quarries, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Blizzard Pond Drainage Canal 0.0 to 3.7	3.7 miles	KY487484_01	06040006	McCracken	5-PS	WAH	Sedimentation/ Siltation	Sand/gravel/rock Mining or Quarries, Channel Erosion/Incision from Upstream Hydromodifications, Channelization, Loss of Riparian Habitat
Camp Creek 0.0 to 5.4	5.4 miles	KY488685_00	06040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Camp Creek 0.0 to 5.4	5.4 miles	KY488685_00	06040006	McCracken	5-PS	PCR	Fecal Coliform	Source Unknown
Camp Creek 0.0 to 5.4	5.4 miles	KY488685_00	06040006	McCracken	5-PS	WAH	Other	Source Unknown
Champion Creek 0.0 to 1.5	1.5 miles	KY489324_00	06040006	McCracken	5-NS	WAH	Cause Unknown	Site Clearance (Land Development or Redevelopment)
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_00	06040006	Marshall	5-PS	WAH	Cause Unknown	Source Unknown
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_00	06040006	Marshall	5-PS	PCR	Fecal Coliform	Source Unknown
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_00	06040006	Marshall	5-PS	WAH	Other	Source Unknown
Clarks River 5.0 to 13.2	8.2 miles	KY489552_01	06040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Clarks River 13.2 to 20.6	7.4 miles	KY489552_02	06040006	McCracken	5-PS	PCR	Escherichia coli	Source Unknown

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)
Clarks River 13.2 to 20.6	7.4 miles	KY489552_02	06040006	McCracken	5-NS	WAH	Iron	Source Unknown
Clarks River 13.2 to 20.6	7.4 miles	KY489552_02	06040006	McCracken	5-NS	WAH	Lead	Source Unknown
Clarks River 34.8 to 42.6	7.8 miles	KY489552_05	06040006	Marshall	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Non-irrigated Crop Production, Streambank Modifications/destabilization, Channelization, Crop Production (Crop Land or Dry Land), Agriculture
Clarks River 34.8 to 42.6	7.8 miles	KY489552_05	06040006	Marshall	5-PS	WAH	Phosphorus (Total)	Channelization, Non-irrigated Crop Production, Streambank Modifications/destabilization, Crop Production (Crop Land or Dry Land), Agriculture
Clarks River 34.8 to 42.6	7.8 miles	KY489552_05	06040006	Marshall	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Crop Production (Crop Land or Dry Land), Streambank Modifications/destabilization, Channelization, Agriculture
Clarks River 50.9 to 55.6	4.7 miles	KY489552_07	06040006	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	06040006	Calloway	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Urban Runoff/Storm Sewers, Agriculture
Clarks River 50.9 to 55.6	4.7 miles	KY489552_07	06040006	Calloway	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges

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)
Clarks River 50.9 to 55.6	4.7 miles	KY489552_07	06040006	Calloway	5-PS	WAH	Sedimentation/ Siltation	Urban Runoff/Storm Sewers, Agriculture
Clarks River 55.6 to 64.7	9.1 miles	KY489552_08	06040006	Calloway	5-NS	PCR	Fecal Coliform	Agriculture
Clarks River 64.7 to 66.8	2.1 miles	KY489552_09	06040006	Calloway	5-PS	PCR	Fecal Coliform	Source Unknown
Clarks River 64.7 to 66.8	2.1 miles	KY489552_09	06040006	Calloway	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Clarks River 64.7 to 66.8	2.1 miles	KY489552_09	06040006	Calloway	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Clayton Creek 0.75 to 3.3	2.55 miles	KY489601_01	06040006	Calloway	5-PS	WAH	Cause Unknown	Source Unknown
Clayton Creek 0.75 to 3.3	2.55 miles	KY489601_01	06040006	Calloway	5-PS	WAH	Phosphorus (Total)	Agriculture
Clayton Creek 3.3 to 7.7	4.4 miles	KY489601_02	06040006	Calloway	5-NS	PCR	Fecal Coliform	Source Unknown
Clayton Creek 3.3 to 7.7	4.4 miles	KY489601_02	06040006	Calloway	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Rural (Residential Areas)
Clayton Creek 3.3 to 7.7	4.4 miles	KY489601_02	06040006	Calloway	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Agriculture
Clear Creek 0.7 to 3.1	2.4 miles	KY489617_01	06040005	Marshall	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Clear Creek 0.7 to 3.1	2.4 miles	KY489617_01	06040005	Marshall	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production

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)
Cypress Creek 0.1 to 6.3	6.2 miles	KY490528_01	06040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
Cypress Creek 0.1 to 6.3	6.2 miles	KY490528_01	06040006	Marshall	5-NS	WAH	Iron	Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Cypress Creek 6.3 to 7.7	1.4 miles	KY490528_02	06040006	Marshall	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Cypress Creek 6.3 to 7.7	1.4 miles	KY490528_02	06040006	Marshall	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Cypress Creek 6.3 to 7.7	1.4 miles	KY490528_02	06040006	Marshall	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Source Unknown
Cypress Creek 7.7 to 9.7	2 miles	KY490528_03	06040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
Damon Creek 0.0 to 1.8	1.8 miles	KY490545_01	06040006	Calloway	5-NS	PCR	Fecal Coliform	Animal Feeding Operations (NPS)
Duncan Creek 0.0 to 2.5	2.5 miles	KY491300_00	06040006	Marshall	5-PS	PCR	Fecal Coliform	Source Unknown
Farley Branch 0.0 to 2.2	2.2 miles	KY491983_01	06040006	Calloway	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Farley Branch 0.0 to 2.2	2.2 miles	KY491983_01	06040006	Calloway	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Guess Creek 0.0 to 2.6	2.6 miles	KY493458_00	06040006	Livingston	5-PS	WAH	Cause Unknown	Source Unknown
Haskell Branch 1.2 to 4.5	3.3 miles	KY493854_01	06040006	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture

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)
Island Creek 0.0 to 5.6	5.6 miles	KY495045_01	06040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Island Creek 0.0 to 5.6	5.6 miles	KY495045_01	06040006	McCracken	5-NS	PCR	Fecal Coliform	Source Unknown
Island Creek 5.6 to 10.3	4.7 miles	KY495045_02	06040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Jonathan Creek 7.4 to 10.9	3.5 miles	KY495443_01	06040005	Calloway	5-PS	WAH	Cause Unknown	Source Unknown
Little Cypress Creek 0.0 to 3.4	3.4 miles	KY496700_01	06040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
Little Cypress Creek 0.0 to 3.4	3.4 miles	KY496700_01	06040006	Marshall	5-PS	PCR	Fecal Coliform	Source Unknown
Little Cypress Creek 3.4 to 6.0	2.6 miles	KY496700_02	06040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
Middle Fork Creek 0.2 to 6.0	5.8 miles	KY498118_00	06040006	Marshall	5-PS	WAH	Cause Unknown	Source Unknown
Middle Fork Creek 0.2 to 6.0	5.8 miles	KY498118_00	06040006	Marshall	5-NS	PCR	Fecal Coliform	Source Unknown
Middle Fork of Clarks River 0.0 to 2.7	2.7 miles	KY498115_01	06040006	Calloway	5-NS	PCR	Fecal Coliform	Agriculture
Middle Fork of Clarks River 0.0 to 2.7	2.7 miles	KY498115_01	06040006	Calloway	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Middle Fork of Clarks River 0.0 to 2.7	2.7 miles	KY498115_01	06040006	Calloway	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Middle Fork of Clarks River 2.7 to 4.8	2.1 miles	KY498115_02	06040006	Calloway	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture

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)
Middle Fork of Clarks River 2.7 to 4.8	2.1 miles	KY498115_02	06040006	Calloway	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Panther Creek 0.0 to 3.0	3 miles	KY500155_01	06040005	Graves	5-NS	PCR	Escherichia coli	Source Unknown
Reeves Branch 0.0 to 0.3	0.3 miles	KY501706_00	06040006	Marshall	5-PS	WAH	Cause Unknown	Source Unknown
Spring Creek 0.0 to 2.0	2 miles	KY504124_01	06040006	Graves	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Spring Creek 0.0 to 2.0	2 miles	KY504124_01	06040006	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Channelization
Spring Creek 3.6 to 5.4	1.8 miles	KY504124_02	06040006	Graves	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Turkey Creek 0.0 to 3.4	3.4 miles	KY505595_01	06040006	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture
UT to Clarks River 0.0 to 3.3	3.3 miles	KY489552-59.9_01	06040006	Calloway	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Channelization, Impervious Surface/Parking Lot Runoff, Crop Production (Crop Land or Dry Land), Channel Erosion/Incision from Upstream Hydromodifications, Municipal (Urbanized High Density Area), Non-irrigated Crop Production, Agriculture, Urban Runoff/Storm Sewers

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)
UT to Clarks River 0.0 to 3.3	3.3 miles	KY489552-59.9_01	06040006	Calloway	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Channelization, Impervious Surface/Parking Lot Runoff, Crop Production (Crop Land or Dry Land), Channel Erosion/Incision from Upstream Hydromodifications, Municipal (Urbanized High Density Area), Non-irrigated Crop Production, Agriculture, Urban Runoff/Storm Sewers
UT to Clarks River 0.0 to 3.3	3.3 miles	KY489552-59.9_01	06040006	Calloway	5-NS	WAH	Oxygen, Dissolved	Channelization, Impervious Surface/Parking Lot Runoff, Crop Production (Crop Land or Dry Land), Channel Erosion/Incision from Upstream Hydromodifications, Municipal (Urbanized High Density Area), Non-irrigated Crop Production, Agriculture, Urban Runoff/Storm Sewers
UT to Clarks River 0.0 to 3.3	3.3 miles	KY489552-59.9_01	06040006	Calloway	5-NS	WAH	Sedimentation/ Siltation	Municipal (Urbanized High Density Area), Urban Runoff/Storm Sewers, Impervious Surface/Parking Lot Runoff, Agriculture, Channelization, Channel Erosion/Incision from Upstream Hydromodifications, Crop Production (Crop Land or Dry Land), Non-irrigated Crop Production
UT to Old Beaver Dam Slough 0.0 to 0.5	0.5 miles	KY499795-0.4_00	06040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown

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)
UT to UT to Tennessee River (Kentucky Lake) 0.15 to 0.8	.65 miles	KY517033-1.0-47.8_01	06040005	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	06040006	McCracken	5-NS	PCR	Escherichia coli	Agriculture, Urban Runoff/Storm Sewers
West Fork of Clarks River 0.0 to 10.4	10.4 miles	KY506426_01	06040006	McCracken	5-NS	WAH	Iron	Source Unknown
West Fork of Clarks River 0.0 to 10.4	10.4 miles	KY506426_01	06040006	McCracken	5-NS	WAH	Lead	Source Unknown
West Fork of Clarks River 13.1 to 17.2	4.1 miles	KY506426_02	06040006	Graves	5-NS	PCR	Fecal Coliform	Source Unknown
West Fork of Clarks River 20.1 to 28.4	8.3 miles	KY506426_04	06040006	Marshall	5-PS	PCR	Fecal Coliform	Source Unknown
West Fork of Clarks River 20.1 to 28.4	8.3 miles	KY506426_04	06040006	Marshall	5-PS	FC	Methylmercury	Source Unknown
West Fork of Clarks River (Relict Channel) 19.7 to 22.7	3 miles	KY506427_02	06040006	Marshall	5-PS	FC	Methylmercury	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)
Bark Camp Creek 0.1 to 3.8	3.7 miles	KY510394_01	05130101	Whitley	5-PS	CAH	Cause Unknown	Source Unknown
Bark Camp Creek 0.1 to 3.8	3.7 miles	KY510394_01	05130101	Whitley	5-PS	CAH	Sedimentation/ Siltation	Source Unknown
Bear Creek 0.0 to 3.3	3.3 miles	KY510462_00	05130104	McCreary	5-NS	PCR; SCR; 'WAH	pH	Subsurface (Hardrock) Mining, Surface Mining
Beaver Creek 16.2 to 16.6	0.4 miles	KY510488_01	05130103	Wayne	5-PS	WAH	Cause Unknown	Municipal Point Source Discharges, Source Unknown
Beaver Creek 16.2 to 16.6	0.4 miles	KY510488_01	05130103	Wayne	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges, Source Unknown
Beaver Creek 16.2 to 16.6	0.4 miles	KY510488_01	05130103	Wayne	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges, Source Unknown
Beaver Creek 16.6 to 34.5	17.9 miles	KY510488_02	05130103	Wayne	5-PS	WAH	Specific Conductance	Petroleum/natural Gas Activities
Becks Creek 0.0 to 4.0	4 miles	KY510492_00	05130101	Whitley	5-PS	WAH	Cause Unknown	Surface Mining
Becks Creek 0.0 to 4.0	4 miles	KY510492_00	05130101	Whitley	5-PS	PCR; SCR; 'WAH	pH	Surface Mining
Becks Creek 0.0 to 4.0	4 miles	KY510492_00	05130101	Whitley	5-PS	WAH	Sedimentation/ Siltation	Surface Mining

Tennessee-Mississippi-Cumberland 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)
Bee Lick Creek 7.5 to 10.9	3.4 miles	KY486678_02	05130103	Lincoln	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Loss of Riparian Habitat, Highway/Road/Bridge Runoff (Non-construction Related), Impacts from Hydrostructure Flow Regulation/modification, Livestock (Grazing or Feeding Operations), Agriculture
Bee Lick Creek 7.5 to 10.9	3.4 miles	KY486678_02	05130103	Lincoln	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Highway/Road/Bridge Runoff (Non-construction Related), Loss of Riparian Habitat, Agriculture, Impacts from Hydrostructure Flow Regulation/modification
Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2	3.2 miles	KY486865_01	05130101	Bell	5-PS	WAH	Sedimentation/ Siltation	Source Unknown, Loss of Riparian Habitat
Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2	3.2 miles	KY486865_01	05130101	Bell	5-PS	WAH	Total Suspended Solids (TSS)	Source Unknown
Bens Fork 0.0 to 2.2	2.2 miles	KY486872_01	05130101	Bell	5-PS	WAH	Specific Conductance	Coal Mining
Bens Fork 0.0 to 2.2	2.2 miles	KY486872_01	05130101	Bell	5-PS	WAH	Total Dissolved Solids	Coal Mining
Big Indian Creek 0.0 to 5.6	5.6 miles	KY487197_00	05130101	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	05130103	Cumberland	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)
Board Branch 0.5 to 1.8	1.3 miles	KY487572_01	05130101	Harlan	5-NS	PCR; SCR; 'WAH	pH	Impacts from Abandoned Mine Lands (Inactive)
Briary Creek 0.0 to 4.4	4.4 miles	KY487880_00	05130103	Pulaski	5-PS	WAH	Sedimentation/ Siltation	Other Recreational Pollution Sources, Non-irrigated Crop Production, Dredge Mining
Brush Creek 0.0 to 3.5	3.5 miles	KY488072_00	05130101	Knox	5-NS	WAH	Sedimentation/ Siltation	Subsurface (Hardrock) Mining, Surface Mining, Loss of Riparian Habitat, Impacts from Abandoned Mine Lands (Inactive), Streambank Modifications/destabilization, Silviculture Harvesting
Brush Creek 0.0 to 3.5	3.5 miles	KY488072_00	05130101	Knox	5-NS	WAH	Turbidity	Loss of Riparian Habitat, Surface Mining, Subsurface (Hardrock) Mining, Impacts from Abandoned Mine Lands (Inactive)
Buck Creek 45.6 to 53.0	7.4 miles	KY511000_05	05130103	Pulaski	5-PS	FC	Methylmercury	Source Unknown
Bull Run 0.0 to 3.7	3.7 miles	KY488359_01	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Channelization, Legacy coal extraction, Loss of Riparian Habitat
Bull Run 0.0 to 3.7	3.7 miles	KY488359_01	05130101	Knox	5-PS	WAH	Sulfates	Channelization, Legacy coal extraction, Loss of Riparian Habitat
Cane Creek 0.0 to 4.4	4.4 miles	KY511184_01	05130101	Whitley	5-NS	WAH	Oxygen, Dissolved	Highway/Road/Bridge Runoff (Non-construction Related), Residential Districts, Impacts from Hydrostructure Flow Regulation/modification, 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)
Cane Creek 0.0 to 4.4	4.4 miles	KY511184_01	05130101	Whitley	5-NS	WAH	Sulfates	Residential Districts, Loss of Riparian Habitat, Highway/Road/Bridge Runoff (Non-construction Related)
Cannon Creek 0.0 to 1.8	1.8 miles	KY488885_01	05130101	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	05130101	Whitley	5-PS	WAH	Sedimentation/ Siltation	Surface Mining, Loss of Riparian Habitat
Clear Fork 17.0 to 19.4	2.4 miles	KY511399_02	05130101	Whitley	5-PS	WAH	Specific Conductance	Loss of Riparian Habitat, Surface Mining
Clover Fork 9.2 to 15.5	6.3 miles	KY511423_02	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Heap-leach Extraction Mining, Source Unknown
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	05130101	Harlan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Sewage Discharges in Unsewered Areas, Surface Mining
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	05130101	Harlan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Sewage Discharges in Unsewered Areas, Surface Mining
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	05130101	Harlan	5-PS	WAH	Sedimentation/ Siltation	Silviculture Activities, Surface Mining
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_03	05130101	Harlan	5-PS	WAH	Specific Conductance	Sewage Discharges in Unsewered Areas, Surface Mining
Clover Fork 18.2 to 28.2	10 miles	KY511423_04	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Heap-leach Extraction Mining, Source Unknown
Clover Fork 28.2 to 28.9	0.7 miles	KY511423_05	05130101	Harlan	5-PS	WAH	Sedimentation/ Siltation	Coal Mining
Clover Fork 28.9 to 33.8	4.9 miles	KY511423_06	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Source Unknown, Heap-leach Extraction 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	05130101	Harlan	5-PS	WAH	Sulfates	Urban Runoff/Storm Sewers, Municipal Point Source Discharges, Loss of Riparian Habitat
Cloverlick Creek 0.0 to 5.0	5 miles	KY511427_01	05130101	Harlan	5-PS	WAH	Total Suspended Solids (TSS)	Urban Runoff/Storm Sewers, Municipal Point Source Discharges, Loss of Riparian Habitat, Channelization
Colliers Creek 0.0 to 4.1	4.1 miles	KY485675_01	05130101	Letcher	5-PS	WAH	Specific Conductance	Coal Mining
Colliers Creek 0.0 to 4.1	4.1 miles	KY485675_01	05130101	Letcher	5-PS	WAH	Total Dissolved Solids	Surface Mining
Craig Creek 5.8 to 6.8	1 miles	KY511617_01	05130101	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	05130101	Harlan	5-PS	WAH	Cause Unknown	Impacts from Abandoned Mine Lands (Inactive)
Cranks Creek 1.6 to 2.4	0.8 miles	KY490293_01	05130101	Harlan	5-PS	WAH	Cause Unknown	Source Unknown
Crocus Creek 4.9 to 14.0	9.1 miles	KY490359_02	05130103	Cumberland	5-NS	PCR; SCR; 'WAH	pH	Source Unknown
Crocus Creek 4.9 to 14.0	9.1 miles	KY490359_02	05130103	Cumberland	5-PS	WAH	Sedimentation/ Siltation	Mine Tailings, Agriculture
Crocus Creek 14.0 to 17.15	3.15 miles	KY490359_03	05130103	Adair	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Cumberland River 554.65 to 569.4	14.75 miles	KY517018_03	05130101	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	05130101	Whitley	5-PS	WAH	Specific Conductance	Surface Mining
Cumberland River 660.1 to 666.8	6.7 miles	KY517018_08	05130101	Harlan	5-PS	WAH	Cause Unknown	Source Unknown
Cumberland River 660.1 to 666.8	6.7 miles	KY517018_08	05130101	Harlan	5-PS	WAH	Iron	Source Unknown
Cumberland River 671.9 to 682.3	10.4 miles	KY517018_09	05130101	Harlan	5-PS	WAH	Specific Conductance	Surface Mining
East Fork of Lynn Camp Creek 0.0 to 4.5	4.5 miles	KY511990_00	05130101	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	05130103	Wayne	5-NS	WAH	Cause Unknown	Source Unknown
Ewing Creek 0.1 to 2.9	2.8 miles	KY491860_00	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Ferris Fork Creek 0.0 to 1.2	1.2 miles	KY492053_01	05130103	Cumberland	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Grazing in Riparian or Shoreline Zones
Gilmore Creek 0.0 to 5.9	5.9 miles	KY492855_00	05130103	Lincoln	5-NS	WAH	Sedimentation/ Siltation	Dredge Mining
Goodin Creek 2.1 to 2.6	0.5 miles	KY492978_00	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Harris Branch 0.25 to 0.6	0.35 miles	KY493796_01	05130101	Harlan	5-PS	WAH	Specific Conductance	Impacts from Abandoned Mine Lands (Inactive)
Harris Branch 0.25 to 0.6	0.35 miles	KY493796_01	05130101	Harlan	5-PS	WAH	Sulfates	Impacts from Abandoned Mine Lands (Inactive)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Hatchell Branch 0.0 to 1.0	1 miles	KY512583_00	05130101	McCreary	5-PS	WAH	Sedimentation/ Siltation	Silviculture Activities
Hazel Patch Creek 0.0 to 1.8	1.8 miles	KY512623_01	05130102	Laurel	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Indian Creek 0.0 to 4.2	4.2 miles	KY494919_00	05130103	Pulaski	5-PS	WAH	Sedimentation/ Siltation	Dredge Mining
Indian Creek 0.0 to 4.5	4.5 miles	KY512903_01	05130102	Jackson	5-PS	WAH	Sedimentation/Siltation	Loss of Riparian Habitat
Jennys Branch 0.0 to 6.0	6 miles	KY512993_00	05130101	McCreary	5-PS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment), Silviculture Harvesting, Urban Runoff/Storm Sewers
Kilburn Fork 0.9 to 6.2	5.3 miles	KY513138_02	05130101	McCreary	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Laurel Creek 3.65 to 5.1	1.45 miles	KY513239_02	05130101	McCreary	5-PS	CAH	Cause Unknown	Package Plant or Other Permitted Small Flows Discharges, Source Unknown
Laurel Creek 3.65 to 5.1	1.45 miles	KY513239_02	05130101	McCreary	5-PS	CAH	Sedimentation/ Siltation	Package Plant or Other Permitted Small Flows Discharges, Source Unknown
Laurel Fork of Clear Fork 10.3 to 13.8	3.5 miles	KY496040_02	05130101	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	05130101	Laurel	5-NS	CAH	Temperature, water	Dam or Impoundment, Upstream Source
Laurel River 23.7 to 24.9	1.2 miles	KY513263_02	05130101	Laurel	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)
Laurel River 26.3 to 33.7	7.4 miles	KY513263_03	05130101	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
Laurel River 33.7 to 39.8	6.1 miles	KY513263_04	05130101	Laurel	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Rural (Residential Areas), Agriculture
Laurel River 33.7 to 39.8	6.1 miles	KY513263_04	05130101	Laurel	5-PS	WAH	Sedimentation/ Siltation	Legacy coal extraction, Agriculture
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	05130101	Bell	5-PS	WAH	Sedimentation/ Siltation	Coal Mining, Upstream Source
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	05130101	Bell	5-PS	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)
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	05130101	Bell	5-PS	PCR, SCR, WAH	pH	Coal Mining
Lewis Creek 0.0 to 3.5	3.5 miles	KY496324_01	05130103	Cumberland	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, Municipal (Urbanized High Density Area)
Lewis Creek 0.0 to 3.5	3.5 miles	KY496324_01	05130103	Cumberland	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat, Municipal (Urbanized High Density Area)
Lewis Creek 0.0 to 3.5	3.5 miles	KY496324_01	05130103	Cumberland	5-PS	WAH	Sedimentation/ Siltation	Municipal (Urbanized High Density Area), 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)
Lick Fork 0.0 to 1.3	1.3 miles	KY513401_01	05130101	Harlan	5-PS	CAH	Sedimentation/ Siltation	Surface Mining
Lick Fork 0.0 to 1.3	1.3 miles	KY513401_01	05130101	Harlan	5-PS	CAH	Specific Conductance	Surface Mining
Line Creek 2.3 to 5.5	3.2 miles	KY513433_01	05130102	Pulaski	5-PS	WAH	Cause Unknown	Source Unknown
Little Clear Creek 0.0 to 10.9	10.9 miles	KY496670_01	05130101	Bell	5-NS	WAH	Sedimentation/ Siltation	Legacy coal extraction
Little Clear Creek 0.0 to 10.9	10.9 miles	KY496670_01	05130101	Bell	5-NS	WAH	Specific Conductance	Legacy coal extraction
Little Clear Creek 0.0 to 10.9	10.9 miles	KY496670_01	05130101	Bell	5-NS	WAH	Total Dissolved Solids	Legacy coal extraction
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_01	05130101	Laurel	5-PS	PCR	Fecal Coliform	Source Unknown
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_01	05130101	Laurel	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Upstream Source, Non-Point Source
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_01	05130101	Laurel	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Non-Point Source, Municipal (Urbanized High Density Area), Upstream Source
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_01	05130101	Laurel	5-PS	WAH	Sedimentation/ Siltation	Non-Point Source, Agriculture, Upstream Source, Source Unknown
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	05130101	Laurel	5-NS	PCR	Fecal Coliform	Combined Sewer Overflows, 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 Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	05130101	Laurel	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges, Combined Sewer Overflows
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	05130101	Laurel	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges, Combined Sewer Overflows
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	05130101	Laurel	5-NS	WAH	Phosphorus (Total)	Combined Sewer Overflows, Municipal Point Source Discharges
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_02	05130101	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	05130101	Laurel	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges
Little Laurel River 12.7 to 14.8	2.1 miles	KY513497_03	05130101	Laurel	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Little Laurel River 12.7 to 14.8	2.1 miles	KY513497_03	05130101	Laurel	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Little Laurel River 14.8 to 23.0	8.2 miles	KY513497_04	05130101	Laurel	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Little Poplar Creek 0.0 to 2.8	2.8 miles	KY496830_00	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Non-irrigated Crop Production, 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)
Little Poplar Creek 3.1 to 4.4	1.3 miles	KY496830_01	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Legacy coal extraction, Rural (Residential Areas), Loss of Riparian Habitat
Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_01	05130102	Laurel	5-NS	WAH	Iron	Legacy coal extraction
Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_01	05130102	Laurel	5-NS	WAH	Manganese	Legacy coal extraction
Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_01	05130102	Laurel	5-NS	PCR, SCR, WAH	pH	Legacy coal extraction
Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_01	05130102	Laurel	5-NS	WAH	Total Dissolved Solids	Legacy coal extraction
Little South Fork 0.0 to 4.4	4.4 miles	KY513527_00	05130104	Wayne	5-PS	WAH	Sedimentation/ Siltation	Surface Mining, Coal Mining (Subsurface)
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_01	05130101	Laurel	5-NS	PCR	Fecal Coliform	Source Unknown, Urban Runoff/Storm Sewers
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_01	05130101	Laurel	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges, Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_01	05130101	Laurel	5-NS	WAH	Oil and Grease	Urban Runoff/Storm Sewers, Source Unknown, Other Spill Related Impacts
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_01	05130101	Laurel	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges, Urban Runoff/Storm Sewers, 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)
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_01	05130101	Laurel	5-NS	WAH	Total Suspended Solids (TSS)	Urban Runoff/Storm Sewers, Source Unknown, Habitat Modification - other than Hydromodification, Other Spill Related Impacts
Lynn Camp Creek 4.5 to 10.5	6 miles	KY513739_02	05130101	Whitley	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing, Non-irrigated Crop Production, Highway/Road/Bridge Runoff (Non-construction Related)
Lynn Camp Creek 4.5 to 10.5	6 miles	KY513739_02	05130101	Whitley	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing, Non-irrigated Crop Production, Highway/Road/Bridge Runoff (Non-construction Related), Site Clearance (Land Development or Redevelopment)
Marrowbone Creek 0.0 to 2.8	2.8 miles	KY497560_01	05130103	Cumberland	5-PS	WAH	Cause Unknown	Source Unknown
Marsh Creek 13.5 to 16.5	3 miles	KY513798_03	05130101	McCreary	5-NS	WAH	Sedimentation/ Siltation	Silviculture Activities
Marsh Creek 19.0 to 24.1	5.1 miles	KY513798_04	05130101	McCreary	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Coal Mining
Martins Fork 11.8 to 17.45	5.65 miles	KY497628_02	05130101	Harlan	5-NS	WAH	Cause Unknown	Source Unknown
Martins Fork 11.8 to 17.45	5.65 miles	KY497628_02	05130101	Harlan	5-NS	WAH	Temperature, water	Dam or Impoundment, Upstream Source
Martins Fork 19.4 to 28.85	9.45 miles	KY497628_03	05130101	Harlan	5-NS	PCR	Fecal Coliform	Source Unknown
Meadow Creek 0.0 to 7.4	7.4 miles	KY497981_00	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Surface Mining, Non-irrigated Crop Production, Unrestricted Cattle Access

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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	05130103	McCreary	5-PS	PCR; SCR; 'CAH	pH	Impacts from Abandoned Mine Lands (Inactive)
Middle Fork of Beaver Creek 0.0 to 2.3	2.3 miles	KY513923_01	05130103	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	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment), Highways, Roads, Bridges, Infrastructure (New Construction), Surface Mining
Mitchell Creek 0.0 to 3.8	3.8 miles	KY514033_00	05130102	Laurel	5-NS	WAH	Cause Unknown	Site Clearance (Land Development or Redevelopment)
Mud Creek of Clear Fork 0.0 to 5.2	5.2 miles	KY514128_00	05130101	Whitley	5-PS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment), Highways, Roads, Bridges, Infrastructure (New Construction), Non-irrigated Crop Production
Pitman Creek 4.8 to 5.95	1.15 miles	KY514627_01	05130103	Pulaski	5-PS	PCR	Escherichia coli	Municipal Point Source Discharges
Pond Creek 0.0 to 6.3	6.3 miles	KY514692_01	05130102	Jackson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges, Loss of Riparian Habitat, Agriculture
Pond Creek 0.0 to 6.3	6.3 miles	KY514692_01	05130102	Jackson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges, Loss of Riparian Habitat, Agriculture
Pond Creek 0.0 to 6.3	6.3 miles	KY514692_01	05130102	Jackson	5-PS	WAH	Oxygen, Dissolved	Loss of Riparian Habitat, Agriculture

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)
Poor Fork of Cumberland River 14.9 to 16.3	1.4 miles	KY514707_02	05130101	Harlan	5-PS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment), Rural (Residential Areas)
Raccoon Creek 0.0 to 2.7	2.7 miles	KY514818_00	05130102	Laurel	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Silviculture Activities, Unrestricted Cattle Access, Non-irrigated Crop Production
Raleigh Fork 0.0 to 1.1	1.1 miles	KY501540_01	05130101	Letcher	5-PS	WAH	Specific Conductance	Coal Mining
Raleigh Fork 0.0 to 1.1	1.1 miles	KY501540_01	05130101	Letcher	5-PS	WAH	Total Dissolved Solids	Coal Mining
Renfro Creek 0.0 to 3.0	3 miles	KY514888_00	05130102	Rockcastle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Renfro Creek 0.0 to 3.0	3 miles	KY514888_00	05130102	Rockcastle	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Renfro Creek 0.0 to 3.0	3 miles	KY514888_00	05130102	Rockcastle	5-PS	WAH	Sedimentation/ Siltation	Silviculture Activities, Urban Runoff/Storm Sewers
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	05130101	Knox	5-NS	WAH	Dissolved oxygen saturation	Coal Mining, Legacy coal extraction, Urban Runoff/Storm Sewers
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	05130101	Knox	5-NS	WAH	Iron	Legacy coal extraction, Coal Mining
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	05130101	Knox	5-NS	WAH	Nutrient/Eutrophication Biological Indicators	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)
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_01	05130101	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	05130101	McCreary	5-NS	PCR; SCR; 'WAH	pH	Acid Mine Drainage, Legacy coal extraction
Rock Creek 16.5 to 21.5	5.0 miles	KY515024_03	05130104	McCreary	5-PS	FC	Methylmercury	Source Unknown
Roundstone Creek 0.0 to 10.9	10.9 miles	KY515136_01	05130102	Rockcastle	5-PS	PCR	Escherichia coli	Source Unknown
Roundstone Creek 17.1 to 23.9	6.8 miles	KY515136_03	05130102	Rockcastle	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat, Non-irrigated Crop Production
Roundstone Creek 17.1 to 23.9	6.8 miles	KY515136_03	05130102	Rockcastle	5-NS	WAH	Oxygen, Dissolved	Non-irrigated Crop Production, Loss of Riparian Habitat, Livestock (Grazing or Feeding Operations), Agriculture
Roundstone Creek 17.1 to 23.9	6.8 miles	KY515136_03	05130102	Rockcastle	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Agriculture, Loss of Riparian Habitat, Livestock (Grazing or Feeding Operations)
Ryans Creek 0.0 to 5.3	5.3 miles	KY515156_00	05130101	McCreary	5-NS	WAH	Total Suspended Solids (TSS)	Heap-leach Extraction Mining
Sam Branch 0.0 to 0.5	0.5 miles	KY502871_00	05130103	Pulaski	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Agriculture
Sims Fork 0.0 to 5.2	5.2 miles	KY515430_00	05130101	Bell	5-NS	WAH	Cause Unknown	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)
Sims Fork 0.0 to 5.2	5.2 miles	KY515430_00	05130101	Bell	5-NS	WAH	Sedimentation/ Siltation	Heap-leach Extraction Mining
Skegg Creek 0.0 to 3.3	3.3 miles	KY515451_01	05130102	Rockcastle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Skegg Creek 0.0 to 3.3	3.3 miles	KY515451_01	05130102	Rockcastle	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
South Fork of Colliers Creek 0.0 to 1.9	1.9 miles	KY485700_01	05130101	Letcher	5-PS	WAH	Specific Conductance	Coal Mining, Legacy coal extraction
South Fork of Colliers Creek 0.0 to 1.9	1.9 miles	KY485700_01	05130101	Letcher	5-PS	WAH	Total Dissolved Solids	Legacy coal extraction, Coal Mining
South Fork of Rockcastle River 21.2 to 29.1	7.9 miles	KY515548_02	05130102	Laurel	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Site Clearance (Land Development or Redevelopment), Streambank Modifications/destabilization, Surface Mining, Loss of Riparian Habitat
South Fork of Rockcastle River 21.2 to 29.1	7.9 miles	KY515548_02	05130102	Laurel	5-NS	WAH	Sedimentation/ Siltation	Streambank Modifications/destabilization, Surface Mining, Site Clearance (Land Development or Redevelopment), Loss of Riparian Habitat, Non-irrigated Crop Production
Stevenson Branch 0.0 to 1.9	1.9 miles	KY504371_00	05130101	Bell	5-NS	WAH	Sedimentation/ Siltation	Silviculture Harvesting, Surface Mining
Stinking Creek 0.0 to 2.1	2.1 miles	KY515716_00	05130101	Knox	5-NS	WAH	Oil and Grease	Petroleum/natural Gas Production Activities (Permitted), 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)
Stinking Creek 0.0 to 2.1	2.1 miles	KY515716_00	05130101	Knox	5-NS	WAH; PCR; SCR	pH	Impacts from Abandoned Mine Lands (Inactive), Surface Mining
Stinking Creek 0.0 to 2.1	2.1 miles	KY515716_00	05130101	Knox	5-NS	WAH	Sedimentation/ Siltation	Channelization, Surface Mining, Non-irrigated Crop Production, Petroleum/natural Gas Activities
Stinking Creek 11.3 to 12.4	1.1 miles	KY515716_01	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Coal Mining, Wildlife Other than Waterfowl, Loss of Riparian Habitat, Woodlot Site Clearance
Stinking Creek 11.3 to 12.4	1.1 miles	KY515716_01	05130101	Knox	5-PS	WAH	Sulfates	Loss of Riparian Habitat, Coal Mining, Wildlife Other than Waterfowl
Stoney Fork 0.0 to 2.3	2.3 miles	KY515733_00	05130101	Bell	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Streambank Modifications/destabilization, Coal Mining (Subsurface), Loss of Riparian Habitat, Surface Mining, Woodlot Site Clearance
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	05130101	Bell	5-NS	WAH	Sedimentation/ Siltation	Streambank Modifications/destabilization, Loss of Riparian Habitat, 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)
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	05130101	Bell	5-PS	WAH	Sedimentation/ Siltation	Surface Mining, Rural (Residential Areas), Channel Erosion/Incision from Upstream Hydromodifications, Loss of Riparian Habitat
Straight Creek 1.7 to 23.3	21.6 miles	KY515746_02	05130101	Bell	5-PS	WAH	Specific Conductance	Surface Mining
Straight Creek 1.7 to 23.3	21.6 miles	KY515746_02	05130101	Bell	5-PS	WAH	Sulfates	Loss of Riparian Habitat, Channel Erosion/Incision from Upstream Hydromodifications, Surface Mining, Rural (Residential Areas)
Sugar Camp Branch 0.0 to 1.4	1.4 miles	KY515781_01	05130102	Pulaski	5-NS	WAH; PCR; SCR	pH	Source Unknown
UT to Helton Branch 0.0 to 0.4	0.4 miles	KY494011-1.4_01	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Golf Courses, Legacy coal extraction, Channelization
UT to Helton Branch 0.0 to 0.4	0.4 miles	KY494011-1.4_01	05130101	Knox	5-PS	WAH	Sulfates	Channelization, Golf Courses, Loss of Riparian Habitat, Legacy coal extraction
UT to Jennys Branch 0.0 to 1.3	1.3 miles	KY512993-3.4_00	05130101	McCreary	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Rural (Residential Areas)
UT to Jennys Branch 0.0 to 1.3	1.3 miles	KY512993-3.4_00	05130101	McCreary	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Rural (Residential Areas)

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 Jennys Branch 0.0 to 1.3	1.3 miles	KY512993-3.4_00	05130101	McCreary	5-NS	WAH	Sedimentation/ Siltation	Source Unknown, Post-development Erosion and Sedimentation
UT to Little Laurel River 0.0 to 1.4	1.4 miles	KY513497-16.05_00	05130101	Laurel	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Wallins Creek 0.0 to 4.2	4.2 miles	KY506154_01	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Channelization, Erosion from Derelict Land (Barren Land), Coal Mining
White Oak Creek 0.0 to 1.0	1 miles	KY516320_01	05130102	Laurel	5-NS	WAH	Sedimentation/ Siltation	Agriculture
White Oak Creek 0.0 to 1.0	1 miles	KY516320_01	05130102	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	05130104	McCreary	5-NS	WAH	Iron	Coal Mining
White Oak Creek 7.1 to 11.2	4.1 miles	KY506623_01	05130103	Pulaski	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Whitley Branch 1.1 to 2.6	1.5 miles	KY516339_02	05130101	Laurel	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
Wolf Creek 0.0 to 1.8	1.8 miles	KY516433_00	05130101	Whitley	5-NS	WAH	Sedimentation/ Siltation	Surface Mining, Non-irrigated Crop Production
Wood Creek 0.0 to 1.95	1.95 miles	KY516466_01	05130102	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	05130101	Bell	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Unspecified Domestic Waste
Yellow Creek 0.0 to 6.7	6.7 miles	KY507211_01	05130101	Bell	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Unspecified Domestic Waste
Yellow Creek 0.0 to 6.7	6.7 miles	KY507211_01	05130101	Bell	5-PS	WAH	Sedimentation/ Siltation	Surface Mining, Urban Runoff/Storm Sewers
Yellow Creek 0.0 to 6.7	6.7 miles	KY507211_01	05130101	Bell	5-PS	WAH	Specific Conductance	Surface Mining, Urban Runoff/Storm Sewers
Yellow Creek 0.0 to 6.7	6.7 miles	KY507211_01	05130101	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	05130101	Laurel	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Internal Nutrient Recycling, Municipal Point Source Discharges
Corbin City Reservoir	139 acres	KYCLN052_00	05130101	Laurel	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Internal Nutrient Recycling, Municipal Point Source Discharges
Lake Cumberland	50250 acres	KY511679_00	05130103	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	05110004	Ohio	5-PS	WAH	Cause Unknown	Source Unknown
Austin Creek 2.6 to 3.6	1 miles	KY486150_02	05110003	Logan	5-PS	WAH	Cause Unknown	Industrial Point Source Discharge
Bacon Creek 0.2 to 17.2	17 miles	KY486197_01	05110001	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	05110001	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	05110001	Hart	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-irrigated Crop Production
Bacon Creek 27.1 to 32.6	5.5 miles	KY486197_03	05110001	Hart	5-NS	PCR	Fecal Coliform	Agriculture, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Barren River 104.9 to 119.4	14.5 miles	KY517526_06	05110002	Allen	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Bat East Creek 0.0 to 3.3	3.3 miles	KY486462_01	05110003	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Bat East Creek 0.0 to 3.3	3.3 miles	KY486462_01	05110003	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Petroleum/natural Gas Production Activities (Permitted), Surface Mining
Bat East Creek 3.4 to 7.5	4.1 miles	KY486462_02	05110003	Muhlenberg	5-PS	WAH	Cause Unknown	Agriculture, Surface Mining, Petroleum/natural Gas Production Activities (Permitted)
Bat East Creek 3.4 to 7.5	4.1 miles	KY486462_02	05110003	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	05110002	Allen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges

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)
Bays Fork of Barren River 6.2 to 15.5	9.3 miles	KY486497_01	05110002	Allen	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Agriculture
Bays Fork of Barren River 6.2 to 15.5	9.3 miles	KY486497_01	05110002	Allen	5-PS	WAH	Specific Conductance	Municipal Point Source Discharges
Bear Creek 14.7 to 22.4	7.7 miles	KY486554_02	05110001	Edmonson	5-NS	WAH	Cause Unknown	Source Unknown
Bear Creek 22.4 to 30.6	8.2 miles	KY486554_03	05110001	Grayson	5-PS	WAH	Cause Unknown	Streambank Modifications/destabilization, Loss of Riparian Habitat
Beaver Creek 8.5 to 15.5	7 miles	KY486609_01	05110002	Barren	5-NS	PCR	Fecal Coliform	Source Unknown
Big Brush Creek 0.0 to 5.0	5 miles	KY487146_01	05110001	Green	5-NS	PCR	Fecal Coliform	Source Unknown
Big Brush Creek 0.0 to 5.0	5 miles	KY487146_01	05110001	Green	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Streambank Modifications/destabilization, Agriculture, Crop Production (Crop Land or Dry Land)
Big Brush Creek 7.1 to 13.0	5.9 miles	KY487146_03	05110001	Green	5-NS	PCR	Fecal Coliform	Source Unknown
Big Creek 3.9 to 9.2	5.3 miles	KY487159_01	05110001	Adair	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Habitat Modification - other than Hydromodification
Big Pitman Creek 13.9 to 17.8	3.9 miles	KY487227_02	05110001	Green	5-PS	PCR	Fecal Coliform	Source Unknown
Big Pitman Creek 17.8 to 23.65	5.85 miles	KY487227_03	05110001	Taylor	5-NS	PCR	Fecal Coliform	Source Unknown
Big Pitman Creek 27.5 to 32.6	5.1 miles	KY487227_04	05110001	Taylor	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, Agriculture

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)
Big Pitman Creek 27.5 to 32.6	5.1 miles	KY487227_04	05110001	Taylor	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Habitat Modification - other than Hydromodification, Agriculture, Crop Production (Crop Land or Dry Land), Streambank Modifications/destabilization
Big Reedy Creek 7.2 to 12.4	5.2 miles	KY487231_00	05110001	Butler	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	05110001	Hardin	5-PS	WAH	Cause Unknown	Source Unknown
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_01	05110001	Hardin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers, Industrial Point Source Discharge, Loss of Riparian Habitat
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_01	05110001	Hardin	5-PS	WAH	Sedimentation/ Siltation	Streambank Modifications/destabilization, Urban Runoff/Storm Sewers, Managed Pasture Grazing, Agriculture, Crop Production (Crop Land or Dry Land)
Black Snake Branch 1.6 to 2.9	1.3 miles	KY487389_01	05110001	Taylor	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Brush Creek 0.0 to 6.1	6.1 miles	KY488076_01	05110001	Casey	5-PS	WAH	Sedimentation/ Siltation	Streambank Modifications/destabilization, Channelization, Loss of Riparian Habitat, Off-road Vehicles, Agriculture
Brush Creek 0.0 to 2.15	2.15 miles	KY488077_01	05110001	Green	5-PS	PCR	Fecal Coliform	Source Unknown

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)
Brush Fork 0.0 to 4.4	4.4 miles	KY488089_00	05110005	McLean	5-NS	WAH, SCR, PCR	pH	Surface Mining
Brush Fork 0.0 to 4.4	4.4 miles	KY488089_00	05110005	McLean	5-NS	WAH	Sedimentation/ Siltation	Irrigated Crop Production, Channelization, Surface Mining, Non-irrigated Crop Production, Loss of Riparian Habitat
Brush Fork 0.0 to 4.4	4.4 miles	KY488089_00	05110005	McLean	5-NS	WAH, PCR	Sulfates	Surface Mining
Buck Creek 0.0 to 8.0	8 miles	KY488213_00	05110005	McLean	5-NS	PCR	Fecal Coliform	Permitted Runoff from Confined Animal Feeding Operations (CAFOs), Loss of Riparian Habitat
Buck Creek 0.0 to 8.0	8 miles	KY488213_00	05110005	McLean	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Permitted Runoff from Confined Animal Feeding Operations (CAFOs), Non-irrigated Crop Production
Buck Creek 0.0 to 8.0	8 miles	KY488213_00	05110005	McLean	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Channelization, Non-irrigated Crop Production
Buck Creek 1.9 to 8.1	6.2 miles	KY488210_01	05110006	Christian	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Buck Fork 0.0 to 5.8	5.8 miles	KY488223_01	05110006	Todd	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat, Streambank Modifications/destabilization
Buck Fork 13.0 to 19.3	6.3 miles	KY488223_02	05110006	Christian	5-NS	PCR	Fecal Coliform	Source Unknown
Buck Fork 13.0 to 19.3	6.3 miles	KY488223_02	05110006	Christian	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Burnett Fork 0.0 to 1.3	1.3 miles	KY488447_00	05110005	Daviess	5-PS	WAH	Nitrogen (Total)	Non-irrigated Crop Production, Irrigated Crop Production

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)
Burnett Fork 0.0 to 1.3	1.3 miles	KY488447_00	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Non-irrigated Crop Production, Irrigated Crop Production
Burnett Fork 0.0 to 1.3	1.3 miles	KY488447_00	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Streambank Modifications/destabilization, Non-irrigated Crop Production, Irrigated Crop Production, Loss of Riparian Habitat, Channelization
Butler Fork 2.3 to 4.0	1.7 miles	KY488519_00	05110001	Adair	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Calhoun Creek 0.0 to 2.8	2.8 miles	KY488609_00	05110001	Casey	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Calhoun Creek 0.0 to 2.8	2.8 miles	KY488609_00	05110001	Casey	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing
Cane Run 0.0 to 3.7	3.7 miles	KY488791_00	05110005	Daviess	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Irrigated Crop Production, Non-irrigated Crop Production, Source Unknown
Cane Run 0.0 to 3.7	3.7 miles	KY488791_00	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Source Unknown, Irrigated Crop Production, Non-irrigated Crop Production
Cane Run 0.0 to 3.7	3.7 miles	KY488791_00	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Channelization, Source Unknown, Irrigated Crop Production, Non-irrigated Crop Production
Caney Creek 0.0 to 3.6	3.6 miles	KY488838_01	05110003	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Post-development Erosion and Sedimentation, Non-irrigated Crop Production, Irrigated Crop Production, Loss of Riparian Habitat
Caney Creek 0.0 to 3.6	3.6 miles	KY488838_01	05110003	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Petroleum/natural Gas Production Activities (Permitted)

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Green River Basin
Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Caney Creek 3.6 to 7.6	4 miles	KY488838_02	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Caney Creek 1.4 to 5.3	3.9 miles	KY488828_01	05110003	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown
Cash Creek 0.0 to 5.8	5.8 miles	KY489056_01	05110005	Henderson	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, 'Loss of Riparian Habitat
Claylick Creek 4.1 to 5.3	1.2 miles	KY489582_00	05110001	Metcalfe	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Claylick Creek 4.1 to 5.3	1.2 miles	KY489582_00	05110001	Metcalfe	5-PS	WAH	Sedimentation/ Siltation	Highways, Roads, Bridges, Infrastructure (New Construction), Managed Pasture Grazing, Loss of Riparian Habitat
Claylick Creek 2.4 to 3.4	1 miles	KY489590_00	05110001	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	05110001	Hardin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations), Crop Production (Crop Land or Dry Land)
Cox's Run 0.0 to 3.4	3.4 miles	KY490231_00	05110001	Hardin	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Crop Production (Crop Land or Dry Land), Streambank Modifications/destabilization, Post-development Erosion and Sedimentation, Highway/Road/Bridge Runoff (Non-construction Related)
Craborchard Creek 0.0 to 4.6	4.6 miles	KY490247_01	05110006	Hopkins	5-NS	WAH	Cause Unknown	Agriculture
Craborchard Creek 0.0 to 4.6	4.6 miles	KY490247_01	05110006	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification

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Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Craborchard Creek 0.0 to 4.6	4.6 miles	KY490247_01	05110006	Hopkins	5-NS	WAH	Sulfates	Surface Mining
Craborchard Creek 0.0 to 4.6	4.6 miles	KY490247_01	05110006	Hopkins	5-NS	WAH	Total Dissolved Solids	Surface Mining, Petroleum/natural Gas Production Activities (Permitted)
Crooked Creek 0.0 to 3.0	3 miles	KY490376_00	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
Cypress Creek 0.0 to 6.0	6 miles	KY490526_01	05110006	McLean	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Cypress Creek 23.1 to 26.5	3.4 miles	KY490526_02	05110006	Muhlenberg	5-PS	PCR	Fecal Coliform	Source Unknown
Cypress Creek 23.1 to 26.5	3.4 miles	KY490526_02	05110006	Muhlenberg	5-PS	WAH, SCR, PCR	pH	Acid Mine Drainage, Coal Mining (Subsurface), Surface Mining
Cypress Creek 26.5 to 33.3	6.8 miles	KY490526_03	05110006	Muhlenberg	5-PS	WAH, SCR, PCR	pH	Acid Mine Drainage
Cypress Creek 26.5 to 33.3	6.8 miles	KY490526_03	05110006	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Acid Mine Drainage
Daniels Creek 0.0 to 5.7	5.7 miles	KY490575_00	05110004	Breckinridge	5-PS	WAH	Cause Unknown	Source Unknown
Deer Creek 0.0 to 8.4	8.4 miles	KY490771_01	05110005	Webster	5-NS	WAH	Iron	Source Unknown
Deer Creek 0.0 to 8.4	8.4 miles	KY490771_01	05110005	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_00	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
Deserter Creek 0.0 to 3.1	3.1 miles	KY490828_00	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Agriculture, 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)
Dorsey Run 2.1 to 3.9	1.8 miles	KY491020_00	05110001	Hardin	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Dorsey Run 2.1 to 3.9	1.8 miles	KY491020_00	05110001	Hardin	5-NS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing, Loss of Riparian Habitat, Post-development Erosion and Sedimentation
Drakes Creek 0.0 to 23.4	23.4 miles	KY491096_01	05110002	Warren	5-PS	FC	Polychlorinated biphenyls	Industrial Point Source Discharge
Dry Creek 0.0 to 3.7	3.7 miles	KY491173_00	05110001	Casey	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Managed Pasture Grazing
East Branch 0.0 to 1.3	1.3 miles	KY491428_00	05110006	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	05110005	Webster	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
East Fork of Little Barren River 0.0 to 15.9	15.9 miles	KY491468_01	05110001	Metcalfe	5-PS	PCR, SCR	Fecal Coliform	Source Unknown
East Fork of Little Barren River 20.7 to 30.0	9.3 miles	KY491468_03	05110001	Metcalfe	5-PS	PCR	Fecal Coliform	Source Unknown
East Fork of Little Barren River 20.7 to 30.0	9.3 miles	KY491468_03	05110001	Metcalfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat
East Fork of Little Barren River 20.7 to 30.0	9.3 miles	KY491468_03	05110001	Metcalfe	5-PS	WAH	Solids (Suspended/Bedload)	Agriculture
Eaton Branch 0.0 to 1.9	1.9 miles	KY491529_01	05110002	Barren	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)
Eaton Branch 0.0 to 1.9	1.9 miles	KY491529_01	05110002	Barren	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Streambank Modifications/destabilization, Agriculture
Elk Creek 0.0 to 5.4	5.4 miles	KY491656_01	05110006	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Loss of Riparian Habitat, Channelization
Elk Creek 7.6 to 10.6	3 miles	KY491656_02	05110006	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	05110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown
Elk Pond Creek 0.0 to 4.5	4.5 miles	KY491671_00	05110006	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Source Unknown, Habitat Modification - other than Hydromodification
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	05110006	Hopkins	5-NS	WAH	Oil and Grease	Package Plant or Other Permitted Small Flows Discharges
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	05110006	Hopkins	5-NS	WAH, SCR, PCR	pH	Legacy coal extraction, Acid Mine Drainage
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	05110006	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Legacy coal extraction, Loss of Riparian Habitat
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	05110006	Hopkins	5-NS	WAH	Specific Conductance	Legacy coal extraction
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	05110006	Hopkins	5-NS	WAH	Sulfates	Legacy coal extraction
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_00	05110006	Hopkins	5-NS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges
Ford Ditch 0.0 to 3.3	3.3 miles	KY501759-2.2_00	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production, 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)
Ford Ditch 0.0 to 3.3	3.3 miles	KY501759-2.2_00	05110005	Daviess	5-PS	WAH	Sulfates	Surface Mining, Petroleum/natural Gas Production Activities (Permitted)
Ford Ditch 0.0 to 3.3	3.3 miles	KY501759-2.2_00	05110005	Daviess	5-PS	WAH	Total Dissolved Solids	Surface Mining, Petroleum/natural Gas Production Activities (Permitted)
Gilles Ditch 0.0 to 5.4	5.4 miles	KY501760-3.5_00	05110005	Daviess	5-NS	WAH	Cause Unknown	Streambank Modifications/destabilization, Loss of Riparian Habitat
Glens Fork 0.0 to 7.1	7.1 miles	KY492907_00	05110001	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	05110004	Ohio	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Dredging (E.g., for Navigation Channels), Channelization
Green River 71.9 to 94.4	22.5 miles	KY493284_04	05110003	Muhlenberg	5-PS	PCR	Fecal Coliform	Source Unknown
Green River 210.5 to 250.3	39.8 miles	KY493284_07	05110001	Hart	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Green River 283.3 to 309.0	25.7 miles	KY493284_12	05110001	Taylor	5-NS	PCR	Fecal Coliform	Source Unknown
Groves Creek 0.0 to 6.4	6.4 miles	KY493444_00	05110005	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	05110004	Ohio	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Halls Creek 6.8 to 9.6	2.8 miles	KY493602_01	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Channelization, Non-irrigated Crop Production, Silviculture Activities, Woodlot Site Management

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Green River Basin

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Havana Creek 0.0 to 1.9	1.9 miles	KY493874_00	05110006	Webster	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-irrigated Crop Production, Channelization
Havana Creek 0.0 to 1.9	1.9 miles	KY493874_00	05110006	Webster	5-PS	WAH	Solids (Suspended/Bedload)	Loss of Riparian Habitat, Non-irrigated Crop Production, Channelization
Indian Camp Creek 3.1 to 10.4	7.3 miles	KY494914_02	05110003	Butler	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Non-Point Source, Loss of Riparian Habitat
Indian Camp Creek 3.1 to 10.4	7.3 miles	KY494914_02	05110003	Butler	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Non-Point Source, 'Loss of Riparian Habitat, Agriculture
Indian Camp Creek 3.1 to 10.4	7.3 miles	KY494914_02	05110003	Butler	5-PS	WAH	Solids (Suspended/Bedload)	Loss of Riparian Habitat, Non-Point Source, Agriculture
Isaacs Creek 0.0 to 7.3	7.3 miles	KY495035_00	05110006	Muhlenberg	5-NS	WAH, SCR, PCR	pH	Acid Mine Drainage, Impacts from Abandoned Mine Lands (Inactive)
Isaacs Creek 0.0 to 7.3	7.3 miles	KY495035_00	05110006	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	05110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown
Jarrels Creek 0.0 to 1.8	1.8 miles	KY495175_00	05110006	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels), 'Source Unknown, 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)
Jarret Fork 0.0 to 1.1	1.1 miles	KY495176_00	05110004	Grayson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Animal Feeding Operations (NPS), Livestock (Grazing or Feeding Operations), Upstream Impoundments (e.g., Pl-566 NRCS Structures), Crop Production (Crop Land or Dry Land)
Jarret Fork 0.0 to 1.1	1.1 miles	KY495176_00	05110004	Grayson	5-NS	WAH	Sedimentation/ Siltation	Impacts from Hydrostructure Flow Regulation/modification, Upstream Impoundments (e.g., Pl-566 NRCS Structures), Animal Feeding Operations (NPS), Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Jenny Hollow Branch 0.0 to 2.4	2.4 miles	KY495212_00	05110004	Ohio	5-NS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Dredging (E.g., for Navigation Channels), Channelization, Loss of Riparian Habitat, Streambank Modifications/destabilization
Joes Branch 0.0 to 4.4	4.4 miles	KY495307_00	05110005	Daviess	5-PS	WAH	Cause Unknown	Source Unknown
Joes Run 0.0 to 4.8	4.8 miles	KY495312_00	05110005	Daviess	5-PS	WAH	Cause Unknown	Source Unknown
Knoblick Creek 0.0 to 2.1	2.1 miles	KY495848_00	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
Knoblick Creek 0.0 to 9.1	9.1 miles	KY495850_00	05110005	Webster	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Rangeland Grazing, Loss of Riparian Habitat, Non-irrigated Crop Production
Knoblick Creek 0.0 to 9.1	9.1 miles	KY495850_00	05110005	Webster	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-irrigated Crop Production, Managed Pasture Grazing

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Knoblick Creek 0.0 to 9.1	9.1 miles	KY495850_00	05110005	Webster	5-NS	WAH	Total Dissolved Solids	Non-irrigated Crop Production, Managed Pasture Grazing
Lewis Creek 0.0 to 11.8	11.8 miles	KY496327_00	05110003	Ohio	5-PS	WAH	Sedimentation/ Siltation	Surface Mining, 'Habitat Modification - other than Hydromodification
Lick Creek 0.0 to 3.7	3.7 miles	KY496482_01	05110005	Henderson	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Lick Creek 5.0 to 13.8	8.8 miles	KY496482_02	05110005	Henderson	5-NS	WAH	Sedimentation/ Siltation	Channelization
Lindy Creek 0.0 to 0.9	0.9 miles	KY496578_00	05110001	Hart	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Lindy Creek 0.0 to 0.9	0.9 miles	KY496578_00	05110001	Hart	5-PS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels), Managed Pasture Grazing
Little Barren River 9.8 to 15.7	5.9 miles	KY496604_02	05110001	Green	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Little Beaverdam Creek 0.0 to 11.4	11.4 miles	KY496615_01	05110001	Warren	5-PS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment), Silviculture Activities
Little Brush Creek 3.2 to 13.2	10 miles	KY496646_01	05110001	Green	5-NS	PCR	Fecal Coliform	Source Unknown
Little Cypress Creek 0.0 to 10.1	10.1 miles	KY496701_00	05110006	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Surface Mining, Unspecified Urban Stormwater, Golf Courses, Channelization, Highway/Road/Bridge Runoff (Non-construction Related), Irrigated Crop Production

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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 10.1	10.1 miles	KY496701_00	05110006	Muhlenberg	5-PS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Surface Mining
Little Cypress Creek 0.0 to 10.1	10.1 miles	KY496701_00	05110006	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Unspecified Urban Stormwater, Petroleum/natural Gas Production Activities (Permitted), Surface Mining
Little Muddy Creek 5.2 to 6.6	1.4 miles	KY513506_01	05110002	Butler	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Crop Production (Crop Land or Dry Land)
Little Muddy Creek 6.6 to 12.9	6.3 miles	KY513506_02	05110002	Butler	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Little Muddy Creek 6.6 to 12.9	6.3 miles	KY513506_02	05110002	Butler	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-irrigated Crop Production
Little Pitman Creek 0.0 to 10.1	10.1 miles	KY496827_01	05110001	Taylor	5-NS/5-PS	PCR/ SCR	Fecal Coliform	Source Unknown
Little Pitman Creek 10.1 to 11.2	1.1 miles	KY496827_02	05110001	Taylor	5-NS	PCR	Fecal Coliform	Source Unknown
Little Russell Creek 0.0 to 5.1	5.1 miles	KY496854_01	05110001	Green	5-PS	PCR	Fecal Coliform	Source Unknown
Long Creek 0.0 to 3.3	3.3 miles	KY497096_01	05110006	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Channel Erosion/Incision from Upstream Hydromodifications, Loss of Riparian Habitat, Channelization, Petroleum/natural Gas Activities, Agriculture
Long Falls Creek 0.0 to 7.6	7.6 miles	KY497098_01	05110005	McLean	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)
Long Falls Creek 0.0 to 7.6	7.6 miles	KY497098_01	05110005	McLean	5-PS	WAH	Sedimentation/ Siltation	Channelization, Non-irrigated Crop Production, Petroleum/natural Gas Production Activities (Permitted), Irrigated Crop Production
Long Falls Creek 0.0 to 7.6	7.6 miles	KY497098_01	05110005	McLean	5-PS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Surface Mining
Long Falls Creek 0.0 to 7.6	7.6 miles	KY497098_01	05110005	McLean	5-PS	WAH	Total Dissolved Solids	Surface Mining
Long Falls Creek 7.6 to 11.8	4.2 miles	KY497098_02	05110005	McLean	5-NS	PCR	Fecal Coliform	Loss of Riparian Habitat
Long Falls Creek 7.6 to 11.8	4.2 miles	KY497098_02	05110005	McLean	5-PS	WAH, SCR, PCR	pH	Acid Mine Drainage
Long Falls Creek 7.6 to 11.8	4.2 miles	KY497098_02	05110005	McLean	5-PS	WAH	Sedimentation/ Siltation	Acid Mine Drainage, Loss of Riparian Habitat, Non-irrigated Crop Production, Channelization
Long Falls Creek 7.6 to 11.8	4.2 miles	KY497098_02	05110005	McLean	5-PS	WAH	Total Dissolved Solids	Acid Mine Drainage
Long Lick Creek 4.6 to 7.2	2.6 miles	KY497125_00	05110004	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	05110004	Breckinridge	5-NS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat
Lynn Camp Creek 0.0 to 8.3	8.3 miles	KY497374_01	05110001	Hart	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
McGrady Creek 0.0 to 1.9	1.9 miles	KY497869_00	05110004	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)
Meeting Creek 5.2 to 14.0	8.8 miles	KY498030_01	05110004	Hardin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Agriculture
Meeting Creek 5.2 to 14.0	8.8 miles	KY498030_01	05110004	Hardin	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Middle Fork of Drakes Creek 0.0 to 7.8	7.8 miles	KY498119_01	05110002	Warren	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat
Middle Pitman Creek 0.0 to 7.7	7.7 miles	KY498146_01	05110001	Green	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Middle Pitman Creek 8.2 to 10.1	1.9 miles	KY498146_02	05110001	Taylor	5-NS	PCR	Fecal Coliform	Source Unknown
Mill Creek 0.0 to 4.2	4.2 miles	KY498260_00	05110004	Ohio	5-NS	PCR	Fecal Coliform	Source Unknown
Mud River 0.0 to 9.1	9.1 miles	KY499011_01	05110003	Muhlenberg	5-NS	FC	PCBs in Fish Tissue	Industrial Point Source Discharge
Mud River 9.1 to 30.9	21.8 miles	KY499011_02	05110003	Muhlenberg	5-NS	WAH	Iron	Source Unknown
Mud River 9.1 to 30.9	21.8 miles	KY499011_02	05110003	Muhlenberg	5-NS	FC	Mercury in Fish Tissue	Source Unknown
Mud River 9.1 to 30.9	21.8 miles	KY499011_02	05110003	Muhlenberg	5-NS	FC	PCBs in Fish Tissue	Industrial Point Source Discharge
Mud River 30.9 to 52.2	21.3 miles	KY499011_03	05110003	Logan	5-NS	FC	PCBs in Fish Tissue	Industrial Point Source Discharge
Mud River 52.2 to 64.0	11.8 miles	KY499011_04	05110003	Logan	5-NS	FC	PCBs in Fish Tissue	Industrial Point Source Discharge
Muddy Creek 0.0 to 5.9	5.9 miles	KY499036_01	05110003	Butler	5-PS	PCR	Fecal Coliform	Source Unknown
Muddy Creek 8.6 to 15.2	6.6 miles	KY499036_02	05110003	Butler	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat
Muddy Creek 8.6 to 15.2	6.6 miles	KY499036_02	05110003	Butler	5-PS	WAH	Oxygen, Dissolved	Agriculture, Channelization

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Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Muddy Creek 8.6 to 15.2	6.6 miles	KY499036_02	05110003	Butler	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Channelization, Streambank Modifications/destabilization, Agriculture, Crop Production (Crop Land or Dry Land)
Muddy Creek 1.9 to 4.9	3 miles	KY499038_01	05110004	Ohio	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Muddy Creek 5.8 to 9.1	3.3 miles	KY499038_02	05110004	Ohio	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Permitted Runoff from Confined Animal Feeding Operations (CAFOs), Non-irrigated Crop Production
Muddy Creek 5.8 to 9.1	3.3 miles	KY499038_02	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Channelization, Non-irrigated Crop Production
Muddy Creek 0.0 to 5.0	5 miles	KY499037_01	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Narge Creek 2.6 to 4.1	1.5 miles	KY499173_00	05110006	Hopkins	5-NS	WAH	Cause Unknown	Crop Production (Crop Land or Dry Land), Streambank Modifications/destabilization, Loss of Riparian Habitat, Channelization
North Branch of South Fork of Panther Creek 0.0 to 4.2	4.2 miles	KY499538_00	05110005	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_00	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Channelization, Loss of Riparian Habitat
North Fork of Nolin River 3.0 to 7.0	4 miles	KY499559_01	05110001	Larue	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Urban Runoff/Storm Sewers, 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 Nolin River 3.0 to 7.0	4 miles	KY499559_01	05110001	Larue	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Urban Runoff/Storm Sewers, Municipal Point Source Discharges
North Fork Panther Creek 4.2 to 9.1	4.9 miles	KY499562_02	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
North Fork Panther Creek 4.2 to 9.1	4.9 miles	KY499562_02	05110005	Daviess	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat
North Fork Panther Creek 4.2 to 9.1	4.9 miles	KY499562_02	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat, Channelization, Agriculture, Streambank Modifications/destabilization
North Fork Panther Creek 9.7 to 12.7	3 miles	KY499562_04	05110005	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	05110005	Daviess	5-NS	WAH	Cause Unknown	Source Unknown
Old Panther Creek 5.7 to 8.8	3.1 miles	KY499866_02	05110005	Daviess	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Otter Creek 0.0 to 6.3	6.3 miles	KY500023_00	05110006	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Channelization, Unspecified Urban Stormwater, Non-irrigated Crop Production
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_01	05110005	Daviess	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_01	05110005	Daviess	5-NS	WAH	Iron	Surface Mining
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_01	05110005	Daviess	5-NS	WAH	Sedimentation/ Siltation	Channelization, Loss of Riparian Habitat, Non-irrigated Crop Production, Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_01	05110005	Daviess	5-NS	WAH	Turbidity	Channelization, Loss of Riparian Habitat, Non-irrigated Crop Production, Unspecified Urban Stormwater
Panther Creek 3.0 to 5.9	2.9 miles	KY500157_02	05110005	Daviess	5-NS	PCR	Fecal Coliform	Agriculture
Panther Creek 17.9 to 20.4	2.5 miles	KY500157_03	05110005	Daviess	5-NS	WAH	Phosphorus (Total)	Source Unknown, Irrigated Crop Production, Non-irrigated Crop Production, Managed Pasture Grazing
Panther Creek 17.9 to 20.4	2.5 miles	KY500157_03	05110005	Daviess	5-NS	WAH	Sedimentation/ Siltation	Channelization, Non-irrigated Crop Production, Source Unknown, Managed Pasture Grazing, Irrigated Crop Production, Streambank Modifications/destabilization
Panther Creek 0.0 to 3.6	3.6 miles	KY500156_01	05110003	Butler	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Unrestricted Cattle Access, Loss of Riparian Habitat, Crop Production (Crop Land or Dry Land)
Panther Creek 0.0 to 3.6	3.6 miles	KY500156_01	05110003	Butler	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Unrestricted Cattle Access, Loss of Riparian Habitat, Crop Production (Crop Land or Dry Land), Streambank Modifications/destabilization
Pettys Fork 0.0 to 6.1	6.1 miles	KY500492_00	05110001	Adair	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations)
Pigeon Creek 0.0 to 3.4	3.4 miles	KY500588_00	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Acid Mine Drainage, Non-irrigated Crop Production
Pigeon Creek 0.0 to 3.4	3.4 miles	KY500588_00	05110004	Ohio	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)
Pleasant Run 0.0 to 2.0	2 miles	KY500906_01	05110006	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Plum Creek 0.0 to 1.7	1.7 miles	KY500964_01	05110003	Muhlenberg	5-NS	WAH	Chloride	Inappropriate Waste Disposal
Plum Creek 0.0 to 1.7	1.7 miles	KY500964_01	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Inappropriate Waste Disposal
Plum Creek 1.7 to 3.9	2.2 miles	KY500964_02	05110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown
Plum Creek 1.7 to 3.9	2.2 miles	KY500964_02	05110006	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Pond Creek 4.8 to 7.6	2.8 miles	KY501042_02	05110003	Muhlenberg	5-NS	WAH	Chloride	Inappropriate Waste Disposal, Petroleum/natural Gas Production Activities (Permitted)
Pond Creek 4.8 to 7.6	2.8 miles	KY501042_02	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Inappropriate Waste Disposal, Surface Mining, Streambank Modifications/destabilization, Post-development Erosion and Sedimentation, Channelization
Pond Creek 4.8 to 7.6	2.8 miles	KY501042_02	05110003	Muhlenberg	5-NS	WAH	Sulfates	Surface Mining, Petroleum/natural Gas Production Activities (Permitted), Inappropriate Waste Disposal
Pond Creek 4.8 to 7.6	2.8 miles	KY501042_02	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Surface Mining, Inappropriate Waste Disposal, Petroleum/natural Gas Production Activities (Permitted)
Pond Creek 7.6 to 11.7	4.1 miles	KY501042_03	05110003	Muhlenberg	5-NS	WAH	Chloride	Petroleum/natural Gas Production Activities (Permitted), Petroleum/natural Gas Activities, Surface Mining, Acid Mine Drainage, Inappropriate Waste Disposal

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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	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Petroleum/natural Gas Activities, Surface Mining, Channelization, Streambank Modifications/destabilization, Petroleum/natural Gas Production Activities (Permitted)
Pond Creek 7.6 to 11.7	4.1 miles	KY501042_03	05110003	Muhlenberg	5-NS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Petroleum/natural Gas Activities, Surface Mining, Acid Mine Drainage, Inappropriate Waste Disposal
Pond Creek 7.6 to 11.7	4.1 miles	KY501042_03	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Petroleum/natural Gas Production Activities (Permitted), Petroleum/natural Gas Activities, Surface Mining, Acid Mine Drainage, Inappropriate Waste Disposal
Pond Creek 11.7 to 14.4	2.7 miles	KY501042_04	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Coal Mining
Pond Creek 11.7 to 14.4	2.7 miles	KY501042_04	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Coal Mining
Pond Creek 14.4 to 18.1	3.7 miles	KY501042_05	05110003	Muhlenberg	5-PS	WAH	Cause Unknown	Source Unknown
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	05110003	Muhlenberg	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access, 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)
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	05110003	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones, Unrestricted Cattle Access, Loss of Riparian Habitat, Manure Runoff, Surface Mining, Crop Production (Crop Land or Dry Land)
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	05110003	Muhlenberg	5-PS	WAH	Specific Conductance	Surface Mining, Agriculture
Pond Creek 18.1 to 22.1	4 miles	KY501042_06	05110003	Muhlenberg	5-PS	WAH	Sulfates	Surface Mining
Pond Drain 0.0 to 2.3	2.3 miles	KY490526-5.8_00	05110006	McLean	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-irrigated Crop Production
Pond Drain 0.0 to 2.3	2.3 miles	KY490526-5.8_00	05110006	McLean	5-PS	WAH	Total Dissolved Solids	Non-irrigated Crop Production
Pond River 1.0 to 20.8	19.8 miles	KY501053_02	05110006	Hopkins	5-PS	WAH	Iron	Surface Mining
Pond River 1.0 to 20.8	19.8 miles	KY501053_02	05110006	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Pond River 1.0 to 20.8	19.8 miles	KY501053_02	05110006	Hopkins	5-PS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Surface Mining
Pond River 20.8 to 31.1	10.3 miles	KY501053_03	05110006	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Surface Mining, Habitat Modification - other than Hydromodification, Coal Mining (Subsurface)
Pond River 61.2 to 71.4	10.2 miles	KY501053_05	05110006	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Pond Run 0.0 to 6.8	6.8 miles	KY501057_01	05110004	Ohio	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)
Render Creek 0.0 to 3.6	3.6 miles	KY501725_00	05110003	Ohio	5-NS	WAH	Sedimentation/ Siltation	Acid Mine Drainage, Surface Mining, Channelization, Loss of Riparian Habitat, Post-development Erosion and Sedimentation
Render Creek 0.0 to 3.6	3.6 miles	KY501725_00	05110003	Ohio	5-NS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Acid Mine Drainage, Surface Mining
Render Creek 0.0 to 3.6	3.6 miles	KY501725_00	05110003	Ohio	5-NS	WAH	Total Dissolved Solids	Petroleum/natural Gas Production Activities (Permitted), Acid Mine Drainage, Surface Mining
Rhodes Creek 0.0 to 1.9	1.9 miles	KY501760_00	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Unspecified Urban Stormwater
Rhodes Creek 0.0 to 2.2	2.2 miles	KY501759_01	05110005	Daviess	5-NS	WAH	Phosphorus (Total)	Non-irrigated Crop Production, Irrigated Crop Production
Rhodes Creek 2.2 to 7.5	5.3 miles	KY501759_02	05110005	Daviess	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production, Crop Production (Crop Land or Dry Land)
Rhodes Creek 2.2 to 7.5	5.3 miles	KY501759_02	05110005	Daviess	5-NS	WAH	Phosphorus (Total)	Irrigated Crop Production, Non-irrigated Crop Production
Rhodes Creek 2.2 to 7.5	5.3 miles	KY501759_02	05110005	Daviess	5-NS	WAH	Sedimentation/ Siltation	Streambank Modifications/destabilization, 'Loss of Riparian Habitat, Channelization
Richland Slough 0.0 to 4.9	4.9 miles	KY501825_00	05110005	Henderson	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Agriculture
Robinson Creek 8.8 to 10.8	2 miles	KY502090_01	05110001	Taylor	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-Point Source, Agriculture

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Robinson Creek 8.8 to 10.8	2 miles	KY502090_01	05110001	Taylor	5-PS	WAH	Sedimentation/ Siltation	Non-Point Source, Agriculture
Rough River 0.0 to 10.4	10.4 miles	KY502390_01	05110004	McLean	5-NS/5-PS	PCR/ SCR	Fecal Coliform	Source Unknown
Rough River 0.0 to 10.4	10.4 miles	KY502390_01	05110004	McLean	5-NS	WAH	Iron	Source Unknown
Rough River 0.0 to 10.4	10.4 miles	KY502390_01	05110004	McLean	5-NS	WAH	Lead	Source Unknown
Rough River 55.1 to 64.3	9.2 miles	KY502390_04	05110004	Ohio	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Rough River 55.1 to 64.3	9.2 miles	KY502390_04	05110004	Ohio	5-NS	WAH	Iron	Source Unknown
Rough River 125.2 to 149.4	24.2 miles	KY502390_06	05110004	Hardin	5-PS	PCR	Fecal Coliform	Source Unknown
Russell Creek 23.8 to 40.0	16.2 miles	KY502521_04	05110001	Adair	5-NS/5-PS	PCR/ SCR	Fecal Coliform	Source Unknown
Russell Creek 60.4 to 66.3	5.9 miles	KY502521_07	05110001	Adair	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Salt Lick Creek 0.0 to 1.4	1.4 miles	KY502826_00	05110002	Warren	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Salt Lick Creek 0.0 to 1.4	1.4 miles	KY502826_00	05110002	Warren	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat
Sand Lick Creek 0.0 to 4.0	4 miles	KY502963_00	05110003	Muhlenberg	5-PS	WAH	Cause Unknown	Source Unknown
Skaggs Creek 5.5 to 23.3	17.8 miles	KY503595_01	05110002	Barren	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork of Beaver Creek 0.0 to 3.2	3.2 miles	KY503906_01	05110002	Barren	5-PS	WAH	Cause Unknown	Highway/Road/Bridge Runoff (Non-construction Related), Source Unknown
South Fork of Little Barren River 0.0 to 23.1	23.1 miles	KY503933_01	05110001	Metcalfe	5-NS	PCR, SCR	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)
South Fork of Little Barren River 23.1 to 30.1	7 miles	KY503933_02	05110001	Metcalfe	5-PS	PCR	Fecal Coliform	Source Unknown
South Fork of Little Barren River 23.1 to 30.1	7 miles	KY503933_02	05110001	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	05110001	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	05110005	Daviess	5-PS	WAH	Copper	Loss of Riparian Habitat, Non-irrigated Crop Production, Streambank Modifications/destabilization, Silviculture Harvesting, Irrigated Crop Production
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_01	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_01	05110005	Daviess	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, Non-irrigated Crop Production, Streambank Modifications/destabilization, Silviculture Harvesting, Irrigated Crop Production
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_01	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Loss of Riparian Habitat, Non-irrigated Crop Production, Streambank Modifications/destabilization, Silviculture Harvesting, Irrigated Crop Production

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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	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-irrigated Crop Production, Streambank Modifications/destabilization, Silviculture Harvesting, Irrigated Crop Production
South Fork of Panther Creek 2.4 to 9.55	7.15 miles	KY503939_02	05110005	Daviess	5-NS	WAH	Cause Unknown	Source Unknown
South Fork of Panther Creek 9.55 to 14.0	4.45 miles	KY503939_03	05110005	Daviess	5-NS	PCR	Fecal Coliform	Managed Pasture Grazing
South Fork of Panther Creek 9.55 to 14.0	4.45 miles	KY503939_03	05110005	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	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Managed Pasture Grazing, Irrigated Crop Production, Non-irrigated Crop Production
South Fork of Panther Creek 14.0 to 18.3	4.3 miles	KY503939_04	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
Sputzman Creek 1.3 to 4.4	3.1 miles	KY504196_00	05110005	Henderson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Sulphur Creek 0.0 to 10.7	10.7 miles	KY504734_01	05110001	Adair	5-PS	PCR	Fecal Coliform	Source Unknown
Sunfish Creek 6.8 to 10.3	3.5 miles	KY504792_00	05110001	Grayson	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Streambank Modifications/destabilization, Loss of Riparian Habitat
Sweepstakes Branch 1.0 to 4.0	3 miles	KY504845_00	05110005	Daviess	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Irrigated Crop Production, 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)
Sycamore Creek 0.0 to 1.6	1.6 miles	KY504864_00	05110001	Edmonson	5-NS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification
Taylor Fork 0.0 to 4.0	4 miles	KY505019_00	05110001	Grayson	5-NS	WAH	Sedimentation/ Siltation	Unspecified Urban Stormwater, Managed Pasture Grazing
Three Lick Fork 0.0 to 3.3	3.3 miles	KY505247_00	05110004	Ohio	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Three Lick Fork 0.0 to 3.3	3.3 miles	KY505247_00	05110004	Ohio	5-NS	WAH	Sedimentation/ Siltation	Surface Mining, Channelization, Loss of Riparian Habitat, Non-irrigated Crop Production
Town Branch 0.0 to 6.2	6.2 miles	KY505385_01	05110003	Logan	5-NS	FC	PCBs in Fish Tissue	Industrial Point Source Discharge
UT to Butler Branch 0.0 to 1.7	1.7 miles	KY488506-1.3_00	05110001	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	05110001	Adair	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat
UT to Cypress Creek 0.0 to 1.4	1.4 miles	KY490526-28.4_00	05110006	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing, Non-irrigated Crop Production, Unspecified Urban Stormwater, Loss of Riparian Habitat, Irrigated Crop Production
UT to Cypress Creek 0.0 to 8.1	8.1 miles	KY490526-16.8_01	05110006	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	05110006	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Streambank Modifications/destabilization, Loss of Riparian Habitat, Channelization

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
UT to Drakes Creek 0.0 to 2.2	2.2 miles	KY491097-9.8_01	05110006	Hopkins	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, Urban Runoff/Storm Sewers, Site Clearance (Land Development or Redevelopment)
UT to Drakes Creek 0.0 to 2.2	2.2 miles	KY491097-9.8_01	05110006	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Channelization, Urban Runoff/Storm Sewers, Site Clearance (Land Development or Redevelopment)
UT to Elk Creek 0.0 to 1.0	1 miles	KY491656-8.8_01	05110006	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	05110006	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	05110006	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Channelization, Loss of Riparian Habitat, Unrestricted Cattle Access
UT to Elk Creek 0.0 to 2.6	2.6 miles	KY491656-6.0_01	05110006	Hopkins	5-PS	WAH	Specific Conductance	Agriculture
UT to Flat Creek 0.0 to 3.1	3.1 miles	KY492181-1.9_01	05110006	Hopkins	5-NS	WAH	Cause Unknown	Surface Mining
UT to Flat Creek 3.1 to 4.1	1 miles	KY492181-1.9_02	05110006	Hopkins	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
UT to Pond Creek 0.0 to 2.4	2.4 miles	KY493284-47.3-8.8_00	05110003	Muhlenberg	5-NS	WAH	Cause Unknown	Surface Mining
UT to Richland Creek 0.0 to 1.7	1.7 miles	KY501819-2.0_01	05110002	Butler	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
UT to Richland Creek 0.0 to 1.7	1.7 miles	KY501819-2.0_01	05110002	Butler	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Loss of Riparian Habitat

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	05110002	Allen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Unrestricted Cattle Access, Agriculture, Loss of Riparian Habitat
UT to West Bays Fork	1 miles	KY506405-1.6_01	05110002	Allen	5-PS	WAH	Sedimentation/ Siltation	Unrestricted Cattle Access, Agriculture, Streambank Modifications/destabilization, Loss of Riparian Habitat
UT to West Bays Fork	1 miles	KY506405-1.6_01	05110002	Allen	5-PS	WAH	Specific Conductance	Unrestricted Cattle Access, Agriculture
UT to West Fork of Lewis Creek 0.0 to 2.2	2.2 miles	KY506436-1.4_00	05110003	Ohio	5-NS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification
UT to Wiggington Creek 0.9 to 1.9	1 miles	KY506716-3.5_00	05110002	Logan	5-NS	WAH	Cause Unknown	Source Unknown
Valley Creek 0.0 to 3.6	3.6 miles	KY505940_01	05110001	Hardin	5-PS	WAH	Cause Unknown	Source Unknown
Valley Creek 8.4 to 10.8	2.4 miles	KY505940_02	05110001	Hardin	5-NS	WAH	Cause Unknown	Streambank Modifications/destabilization, Loss of Riparian Habitat, Livestock (Grazing or Feeding Operations), Highway/Road/Bridge Runoff (Non-construction Related), Crop Production (Crop Land or Dry Land)
Valley Creek 8.4 to 10.8	2.4 miles	KY505940_02	05110001	Hardin	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land), Industrial Point Source Discharge, Livestock (Grazing or Feeding Operations)

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	05110001	Hardin	5-NS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related), Industrial Point Source Discharge, Loss of Riparian Habitat, Streambank Modifications/destabilization, Livestock (Grazing or Feeding Operations), Crop Production (Crop Land or Dry Land)
West Fork of Drakes Creek 0.0 to 23.3	23.3 miles	KY506431_01	05110002	Simpson	5-PS	FC	PCB in Fish Tissue	Unpermitted Discharge (Industrial/commercial Wastes), Industrial Point Source Discharge
West Fork of Drakes Creek 26.7 to 32.1	5.4 miles	KY506431_02	05110002	Simpson	5-PS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
West Fork of Pond River 1.6 to 8.7	7.3 miles	KY506444_01	05110006	Christian	5-PS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification, Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
West Fork of Pond River 20.3 to 26.0	5.7 miles	KY506444_03	05110006	Christian	5-NS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification, Livestock (Grazing or Feeding Operations)
Wolf Branch Ditch 0.0 to 4.1	4.1 miles	KY501759-2.6_00	05110005	Daviess	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production, Irrigated Crop Production
Wolf Branch Ditch 0.0 to 4.1	4.1 miles	KY501759-2.6_00	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Non-irrigated Crop Production, Irrigated Crop Production
Wolf Branch Ditch 0.0 to 4.1	4.1 miles	KY501759-2.6_00	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Irrigated Crop Production, Channelization, Non-irrigated Crop Production

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 Lick Creek 0.0 to 14.6	14.6 miles	KY507017_01	05110003	Logan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Silviculture Activities
Wolf Lick Creek 0.0 to 14.6	14.6 miles	KY507017_01	05110003	Logan	5-PS	WAH	Oxygen, Dissolved	Agriculture
Wolf Lick Creek 0.0 to 14.6	14.6 miles	KY507017_01	05110003	Logan	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Streambank Modifications/destabilization, Silviculture Activities

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	05110001	Hardin	5-NS	PCR	Escherichia coli	Source Unknown
Goren Mill Spring (9000-0793)	1 miles	KY493284-226.7_00	05110001	Hart	5-NS	PCR	Escherichia coli	Source Unknown
Goren Mill Spring (9000-0793)	1 miles	KY493284-226.7_00	05110001	Hart	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Graham Spring (9000-0051)	1 miles	KY517526-34.65_00	05110002	Warren	5-PS	PCR	Escherichia coli	Source Unknown
Graham Spring (9000-0051)	1 miles	KY517526-34.65_00	05110002	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	05110004	Hardin	5-NS	PCR	Escherichia coli	Source Unknown
Head of Rough River Spring 154.85 to 155.8	0.95 miles	KY502390_07	05110004	Hardin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Lost River Rise (9000-0054)	1 miles	KY495207-3.2_00	05110002	Warren	5-NS	PCR	Escherichia coli	Source Unknown
Mahurin Spring (9000-0202)	1 miles	KY504135-4.35_00	05110004	Grayson	5-NS	PCR	Escherichia coli	Source Unknown
McCoy Bluehole Spring (9000-0792)	1 miles	KY493284-212.7_00	05110001	Hart	5-NS	PCR	Escherichia coli	Source Unknown
Mill Spring (9000-1193)	1 miles	KY499512-38.7_00	05110001	Grayson	5-NS	PCR	Escherichia coli	Source Unknown
Nolynn Spring (9000-2673)	1 miles	KY499559-1.3_00	05110001	Larue	5-NS	PCR	Escherichia coli	Source Unknown
Nolynn Spring (9000-2673)	1 miles	KY499559-1.3_00	05110001	Larue	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Skees KW#1 (9000-1398)	1 miles	KY499512-79.0_00	05110001	Hardin	5-NS	PCR	Escherichia coli	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	05110001	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	05110001	Taylor	5-PS	SCR	Sedimentation/ Siltation	Upstream Source, Natural Sources
Caneyville City Reservoir	75 acres	KY488877_00	05110004	Grayson	5-PS	DWS	Nutrient/ Eutrophication Biological Indicators	Natural Sources, Shallow Lake/Reservoir Basin
Caneyville City Reservoir	75 acres	KY488877_00	05110004	Grayson	5-PS	SCR	Sedimentation/ Siltation	Shallow Lake/Reservoir Basin
Green River Reservoir	8210 acres	KY493295_00	05110001	Taylor	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Green River Reservoir	8210 acres	KY493295_00	05110001	Taylor	5-PS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Lake Luzerne	55 acres	KY497358_00	05110003	Muhlenberg	5-PS	DWS	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Lake Malone	826 acres	KY497476_00	05110003	Logan	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Rough River Reservoir	5100 acres	KY502953_00	05110004	Hardin	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Spa Lake	240 acres	KYCLN005_00	05110003	Logan	5-PS	SCR	Sedimentation/ Siltation	Natural Sources

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)
Bayou Creek 0.0 to 19.1	19.1 miles	KY510435_00	05140203	Livingston	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Bayou Creek 0.0 to 19.1	19.1 miles	KY510435_00	05140203	Livingston	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Bayou Creek 0.0 to 19.1	19.1 miles	KY510435_00	05140203	Livingston	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Bear Run 1.6 to 1.9	0.3 miles	KY486575_00	05140201	Breckinridge	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Silviculture Harvesting, Managed Pasture Grazing
Bear Run 1.6 to 1.9	0.3 miles	KY486575_00	05140201	Breckinridge	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Silviculture Harvesting, Managed Pasture Grazing
Bell Ditch 0.0 to 2.8	2.8 miles	KY486792_01	05140201	Daviess	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Loss of Riparian Habitat, Crop Production (Crop Land or Dry Land)
Bell Ditch 0.0 to 2.8	2.8 miles	KY486792_01	05140201	Daviess	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Streambank Modifications/destabilization, Loss of Riparian Habitat, Crop Production (Crop Land or Dry Land), Channelization
Blackford Creek 0.2 to 4.0	3.8 miles	KY487412_01	05140201	Hancock	5-NS	PCR	Fecal Coliform	Source Unknown
Blackford Creek 4.0 to 8.4	4.4 miles	KY487412_02	05140201	Hancock	5-PS	WAH	Cause Unknown	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	05140202	Henderson	5-NS	WAH	Chromium (total)	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	05140202	Henderson	5-NS	WAH	Copper	Source Unknown

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)
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	05140202	Henderson	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	05140202	Henderson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	05140202	Henderson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	05140202	Henderson	5-NS	WAH	Sedimentation/ Siltation	Package Plant or Other Permitted Small Flows Discharges, Non-irrigated Crop Production
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_01	05140202	Henderson	5-NS	WAH	Zinc	Source Unknown
Casey Creek 0.6 to 9.7	9.1 miles	KY489044_00	05140202	Union	5-NS	WAH	Total Dissolved Solids	Drainage/Filling/Loss of Wetlands, Petroleum/natural Gas Production Activities (Permitted)
Clover Creek 7.7 to 9.2	1.5 miles	KY489703_00	05140201	Breckinridge	5-PS	WAH	Sedimentation/ Siltation	Impacts from Hydrostructure Flow Regulation/modification, Crop Production (Crop Land or Dry Land), Livestock (Grazing or Feeding Operations)
Crooked Creek 0.0 to 12.1	12.1 miles	KY511649_01	05140203	Crittenden	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Crooked Creek 12.1 to 26.4	14.3 miles	KY511649_02	05140203	Crittenden	5-NS	PCR	Fecal Coliform	Source Unknown
Crooked Creek 12.1 to 26.4	14.3 miles	KY511649_02	05140203	Crittenden	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)

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)
Crooked Creek 12.1 to 26.4	14.3 miles	KY511649_02	05140203	Crittenden	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Urban Runoff/Storm Sewers, Municipal Point Source Discharges
Crooked Creek 12.1 to 26.4	14.3 miles	KY511649_02	05140203	Crittenden	5-NS	WAH	Sedimentation/ Siltation	Municipal Point Source Discharges, Urban Runoff/Storm Sewers, Highways, Roads, Bridges, Infrastructure (New Construction)
Deer Creek 0.0 to 8.1	8.1 miles	KY490770_01	05140203	Livingston	5-NS	WAH	Cause Unknown	Agriculture
Dennis O'nan Ditch/Cypress Creek 0.4 to 10.9	10.5 miles	KY490527_01	05140203	Union	5-NS	PCR	Fecal Coliform	Agriculture
Dyer Hill Creek 0.4 to 6.0	5.6 miles	KY491390_01	05140203	Livingston	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Dyer Hill Creek 0.4 to 6.0	5.6 miles	KY491390_01	05140203	Livingston	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Streambank Modifications/destabilization, Loss of Riparian Habitat
Dyer Hill Creek 0.4 to 6.0	5.6 miles	KY491390_01	05140203	Livingston	5-PS	WAH	Specific Conductance	Agriculture
East Fork of Canoe Creek 0.0 to 4.4	4.4 miles	KY491444_01	05140202	Henderson	5-PS	WAH	Oxygen, Dissolved	Drought-related Impacts, Loss of Riparian Habitat
East Fork of Canoe Creek 0.0 to 4.4	4.4 miles	KY491444_01	05140202	Henderson	5-PS	WAH	Sedimentation/ Siltation	Channelization, Agriculture
Goose Pond Ditch/Wardens Slough 0.0 to 13.6	13.6 miles	KY452377-114.5_00	05140203	Union	5-NS	WAH	Cause Unknown	Crop Production (Crop Land or Dry Land), Streambank Modifications/destabilization, Loss of Riparian Habitat

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)
Highland Creek 0.0 to 7.6	7.6 miles	KY494210_01	05140202	Union	5-PS	WAH	Cause Unknown	Agriculture, Highways, Roads, Bridges, Infrastructure (New Construction), Loss of Riparian Habitat, Streambank Modifications/destabilization
Highland Creek 0.0 to 7.6	7.6 miles	KY494210_01	05140202	Union	5-NS	PCR	Fecal Coliform	Agriculture, Loss of Riparian Habitat
Highland Creek 7.6 to 21.4	13.8 miles	KY494210_02	05140202	Henderson	5-NS	PCR, SCR	Fecal Coliform	Agriculture
Highland Creek 7.6 to 21.4	13.8 miles	KY494210_02	05140202	Henderson	5-NS	WAH	Iron	Petroleum/natural Gas Activities, Coal Mining (Subsurface)
Sadler Creek 0.0 to 2.4	2.4 miles	KY515171_01	05140203	Livingston	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Streambank Modifications/destabilization, Loss of Riparian Habitat
Sugg Creek 0.0 to 1.3	1.3 miles	KY504712_00	05140203	Union	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Non-irrigated Crop Production, Channelization
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	05140203	Crittenden	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
UT to Rush Creek 0.0 to 1.3	1.3 miles	KY511649-18.15_00	05140203	Crittenden	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
UT to Rush Creek 0.0 to 1.3	1.3 miles	KY511649-18.15_00	05140203	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	05140201	Daviess	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Upstream Source
Carpenter Lake	64 acres	KY488966_00	05140201	Daviess	5-PS	WAH	Oxygen, Dissolved	Agriculture, Upstream Source
Scenic Lake	18 acres	KY503039_00	05140202	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	05140205	Webster	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Heap-leach Extraction Mining, Non-irrigated Crop Production, Animal Feeding Operations (NPS)
Bishop Ditch 0.0 to 2.7	2.7 miles	KYKY0022_00	05140205	Webster	5-NS	WAH	Sedimentation/ Siltation	Heap-leach Extraction Mining, Non-irrigated Crop Production, Animal Feeding Operations (NPS)
Bishop Ditch 0.0 to 2.7	2.7 miles	KYKY0022_00	05140205	Webster	5-NS	WAH	Turbidity	Heap-leach Extraction Mining, Non-irrigated Crop Production, Animal Feeding Operations (NPS)
Buffalo Creek 0.0 to 6.8	6.8 miles	KY488316_00	05140205	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Channelization, Loss of Riparian Habitat, Non-irrigated Crop Production
Buffalo Creek 0.0 to 6.8	6.8 miles	KY488316_00	05140205	Hopkins	5-PS	WAH	Total Dissolved Solids	Source Unknown
Bull Creek 0.0 to 1.0	1 miles	KY488350_00	05140205	Webster	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Habitat Modification - other than Hydromodification, Channelization
Caney Creek 0.0 to 3.3	3.3 miles	KY488830_00	05140205	Caldwell	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown, Non-irrigated Crop Production
Caney Creek 0.0 to 3.3	3.3 miles	KY488830_00	05140205	Caldwell	5-NS	WAH	Sedimentation/ Siltation	Source Unknown, Loss of Riparian Habitat, Non-irrigated Crop Production
Caney Creek 0.0 to 8.2	8.2 miles	KY488837_01	05140205	Hopkins	5-NS	WAH, SCR, PCR	pH	Surface Mining, Acid Mine Drainage

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 8.2	8.2 miles	KY488837_01	05140205	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Surface Mining, Acid Mine Drainage, Channelization, Loss of Riparian Habitat
Caney Creek 0.0 to 8.2	8.2 miles	KY488837_01	05140205	Hopkins	5-NS	WAH	Specific Conductance	Surface Mining, Acid Mine Drainage
Caney Creek 0.0 to 8.2	8.2 miles	KY488837_01	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Surface Mining, Acid Mine Drainage
Caney Fork 3.4 to 7.9	4.5 miles	KY488863_00	05140205	Webster	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Caney Fork 3.4 to 7.9	4.5 miles	KY488863_00	05140205	Webster	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489704_00	05140205	Christian	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489704_00	05140205	Christian	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing, Loss of Riparian Habitat
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489704_00	05140205	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	05140205	Hopkins	5-NS	WAH	Cause Unknown	Source Unknown
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_01	05140205	Hopkins	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_01	05140205	Hopkins	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_01	05140205	Hopkins	5-NS	WAH	Oxygen, Dissolved	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	05140205	Hopkins	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Clear Creek 19.4 to 26.2	6.8 miles	KY489610_02	05140205	Hopkins	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Clear Creek 19.4 to 26.2	6.8 miles	KY489610_02	05140205	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Surface Mining, Channelization
Clear Creek 26.2 to 26.5	0.3 miles	KY489610_03	05140205	Hopkins	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	05140205	Hopkins	5-NS	WAH	Iron	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	05140205	Hopkins	5-NS	WAH, SCR, PCR	pH	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_01	05140205	Hopkins	5-NS	WAH	Zinc	Coal Mining
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	05140205	Hopkins	5-NS	WAH	Cadmium	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	05140205	Hopkins	5-NS	WAH	Iron	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	05140205	Hopkins	5-NS	WAH	Nickel	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	05140205	Hopkins	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)
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	05140205	Hopkins	5-NS	WAH	Specific Conductance	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_01	05140205	Hopkins	5-NS	WAH	Zinc	Source Unknown
Craborchard Creek (including Vaughn Ditch) 0.0 to 14.7	14.7 miles	KY490248_01	05140205	Webster	5-NS	PCR	Fecal Coliform	Source Unknown
Craborchard Creek 19.2 to 21.5	2.3 miles	KY490248_02	05140205	Webster	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Craborchard Creek 19.2 to 21.5	2.3 miles	KY490248_02	05140205	Webster	5-PS	WAH	Sedimentation/ Siltation	Channelization, Non-irrigated Crop Production, Loss of Riparian Habitat
Donaldson Creek 0.0 to 14.2	14.2 miles	KY490999_01	05140205	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	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
East Fork of Hurricane Creek 0.0 to 2.2	2.2 miles	KY491466_01	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Fox Run 0.0 to 1.1	1.1 miles	KY492415_01	05140205	Hopkins	5-NS	WAH, SCR, PCR	pH	Coal Mining
Fox Run 0.0 to 1.1	1.1 miles	KY492415_01	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
Fox Run 0.0 to 1.1	1.1 miles	KY492415_01	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	05140205	Hopkins	5-NS	WAH	Iron	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)
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	05140205	Hopkins	5-NS	WAH, SCR, PCR	pH	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_01	05140205	Hopkins	5-NS	WAH	Zinc	Coal Mining
Lambs Creek 0.0 to 3.3	3.3 miles	KY495942_00	05140205	Hopkins	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Lambs Creek 0.0 to 3.3	3.3 miles	KY495942_00	05140205	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Surface Mining, Channelization, Loss of Riparian Habitat
Lambs Creek 0.0 to 3.3	3.3 miles	KY495942_00	05140205	Hopkins	5-PS	WAH	Total Dissolved Solids	Surface Mining
Lick Creek 0.0 to 11.9	11.9 miles	KY496487_00	05140205	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Lynn Fork 0.0 to 2.4	2.4 miles	KY497379_00	05140205	Webster	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Channelization, Loss of Riparian Habitat
Pigeonroost Creek 0.0 to 3.9	3.9 miles	KY500604_00	05140205	Crittenden	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Pigeonroost Creek 0.0 to 3.9	3.9 miles	KY500604_00	05140205	Crittenden	5-PS	WAH	Sedimentation/ Siltation	Agriculture

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)
Pond Creek 0.0 to 5.5	5.5 miles	KY501043_00	05140205	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Channelization, Surface Mining, Non-irrigated Crop Production, Loss of Riparian Habitat
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	05140205	Union	5-NS/5-PS	PCR/ SCR	Fecal Coliform	Source Unknown
Richland Creek 0.0 to 4.5	4.5 miles	KY501821_00	05140205	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Channelization, Managed Pasture Grazing, Loss of Riparian Habitat
Tradewater River 0.0 to 16.8	16.8 miles	KY505460_01	05140205	Union	5-NS	PCR	Fecal Coliform	Agriculture
Tradewater River 20.6 to 46.4	25.8 miles	KY505460_02	05140205	Webster	5-NS	PCR, SCR	Fecal Coliform	Source Unknown
Tradewater River 20.6 to 46.4	25.8 miles	KY505460_02	05140205	Webster	5-NS	WAH	Iron	Coal Mining, Crop Production (Crop Land or Dry Land)
Tradewater River 63.1 to 79.4	16.3 miles	KY505460_03	05140205	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Tradewater River 98.5 to 111.1	12.6 miles	KY505460_05	05140205	Christian	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Tradewater River 98.5 to 111.1	12.6 miles	KY505460_05	05140205	Christian	5-PS	WAH	Oxygen, Dissolved	Agriculture, Sanitary Sewer Overflows (Collection System Failures)
Tradewater River 98.5 to 111.1	12.6 miles	KY505460_05	05140205	Christian	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Channelization, Sanitary Sewer Overflows (Collection System Failures)

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)
Tyson Branch 0.0 to 2.5	2.5 miles	KY505754_00	05140205	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	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
UT to Copper Creek 0.0 to 1.1	1.1 miles	KY490078-1.1_01	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	05140205	Hopkins	5-NS	WAH	Cadmium	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	05140205	Hopkins	5-NS	WAH	Iron	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	05140205	Hopkins	5-NS	WAH, SCR, PCR	pH	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	05140205	Hopkins	5-NS	WAH	Specific Conductance	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Source Unknown
UT to Copperas Creek 0.0 to 0.9	0.9 miles	KY490083-0.6_01	05140205	Hopkins	5-NS	WAH	Zinc	Source Unknown
UT to Donaldson Creek 0.0 to 1.8	1.8 miles	KY490999-18.7_01	05140205	Caldwell	5-PS	WAH	Sedimentation/ Siltation	Streambank Modifications/destabilization, Channelization, Crop Production (Crop Land or Dry Land), Loss of Riparian Habitat
UT to Donaldson Creek 0.0 to 1.8	1.8 miles	KY490999-18.7_01	05140205	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	05140205	Hopkins	5-NS	WAH	Iron	Coal Mining
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	05140205	Hopkins	5-NS	WAH	Nitrates	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)
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	05140205	Hopkins	5-NS	WAH, SCR, PCR	pH	Coal Mining
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821-0.3_01	05140205	Hopkins	5-NS	WAH	Zinc	Coal Mining
UT to Slover Creek 0.0 to 1.5	1.5 miles	KY503714-0.4_01	05140205	Webster	5-PS	WAH	Sedimentation/ Siltation	Streambank Modifications/destabilization, Loss of Riparian Habitat, Crop Production (Crop Land or Dry Land), Impacts from Abandoned Mine Lands (Inactive)
UT to Slover Creek 0.0 to 1.5	1.5 miles	KY503714-0.4_01	05140205	Webster	5-PS	WAH	Specific Conductance	Crop Production (Crop Land or Dry Land), Impacts from Abandoned Mine Lands (Inactive), Loss of Riparian Habitat
UT to Slover Creek 0.0 to 1.5	1.5 miles	KY503714-0.4_01	05140205	Webster	5-PS	WAH	Sulfates	Surface Mining
UT to UT to Slover Creek 0.0 to 1.2	1.2 miles	KY503714-0.5-3.5_01	05140205	Webster	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Crop Production (Crop Land or Dry Land), Agriculture, Channelization
UT to UT to Slover Creek 0.0 to 1.2	1.2 miles	KY503714-0.5-3.5_01	05140205	Webster	5-PS	WAH	Specific Conductance	Loss of Riparian Habitat, Crop Production (Crop Land or Dry Land), Agriculture
UT to UT to Slover Creek 0.2 to 1.5	1.3 miles	KY503714-3.4-0.2_00	05140205	Webster	5-NS	WAH	Sedimentation/ Siltation	Channelization, Agriculture, Surface 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 UT to Slover Creek 0.2 to 1.5	1.3 miles	KY503714-3.4-0.2_00	05140205	Webster	5-NS	WAH	Total Dissolved Solids	Surface Mining
Ward Creek 4.9 to 10.3	5.4 miles	KY506219_00	05140205	Caldwell	5-NS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification
Weirs Creek 0.0 to 4.9	4.9 miles	KY506359_00	05140205	Hopkins	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Weirs Creek 0.0 to 4.9	4.9 miles	KY506359_00	05140205	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Loss of Riparian Habitat, Channelization
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	05140205	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)
Arkansas Cr. 0.0 to 3.6	3.6 miles	KY486027_01	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Arkansas Cr. 0.0 to 3.6	3.6 miles	KY486027_01	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Arkansas Cr. 0.0 to 3.6	3.6 miles	KY486027_01	05070203	Floyd	5-NS	WAH	Phosphorus (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Arkansas Cr. 0.0 to 3.6	3.6 miles	KY486027_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Surface Mining, Post-development Erosion and Sedimentation
Arkansas Cr. 0.0 to 3.6	3.6 miles	KY486027_01	05070203	Floyd	5-NS	WAH	Sulfates	Surface Mining
Arkansas Cr. 0.0 to 3.6	3.6 miles	KY486027_01	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Surface Mining
Arnold Fk. 0.0 to 2.6	2.6 miles	KY486053_01	05070203	Knott	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation
Arnold Fk. 0.0 to 2.6	2.6 miles	KY486053_01	05070203	Knott	5-NS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Subsurface (Hardrock) Mining

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)
Arnold Fk. 0.0 to 2.6	2.6 miles	KY486053_01	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Barnetts Creek 0.0 to 1.6	1.6 miles	KY486411_01	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Subsurface (Hardrock) Mining, Surface Mining
Bear Cr. 0.0 to 1.9	1.9 miles	KY486557_01	05070204	Lawrence	5-NS	PCR	Fecal Coliform	Animal Feeding Operations (NPS), On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bear Cr. 0.0 to 1.9	1.9 miles	KY486557_01	05070204	Lawrence	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Animal Feeding Operations (NPS), On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bear Cr. 0.0 to 1.9	1.9 miles	KY486557_01	05070204	Lawrence	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Animal Feeding Operations (NPS), On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bear Cr. 0.0 to 1.9	1.9 miles	KY486557_01	05070204	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Animal Feeding Operations (NPS), Habitat Modification - other than Hydromodification
Beaver Cr. 0.0 to 7.1	7.1 miles	KY486610_01	05070203	Floyd	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Beaver Cr. 0.0 to 7.1	7.1 miles	KY486610_01	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Big Cr. 0.0 to 1.9	1.9 miles	KY487161_01	05070201	Pike	5-NS	PCR	Fecal Coliform	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)
Big Cr. 7.3 to 10.7	3.4 miles	KY487161_02	05070201	Pike	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Big Cr. 7.3 to 10.7	3.4 miles	KY487161_02	05070201	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Big Cr. 7.3 to 10.7	3.4 miles	KY487161_02	05070201	Pike	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining
Big Cr. 7.3 to 10.7	3.4 miles	KY487161_02	05070201	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Big Cr. 10.7 to 15.1	4.4 miles	KY487161_03	05070201	Pike	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Big Cr. 10.7 to 15.1	4.4 miles	KY487161_03	05070201	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Big Cr. 10.7 to 15.1	4.4 miles	KY487161_03	05070201	Pike	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related), Surface Mining, Post-development Erosion and Sedimentation, Loss of Riparian Habitat
Big Cr. 10.7 to 15.1	4.4 miles	KY487161_03	05070201	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Big Mine Cr. 1.4 to 3.9	2.5 miles	KY487221_01	05070203	Magoffin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Inappropriate Waste Disposal
Big Mine Cr. 1.4 to 3.9	2.5 miles	KY487221_01	05070203	Magoffin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Inappropriate Waste Disposal
Big Mine Cr. 1.4 to 3.9	2.5 miles	KY487221_01	05070203	Magoffin	5-PS	PCR, SCR, WAH	pH	Surface Mining, Subsurface (Hardrock) Mining, Inappropriate Waste Disposal, Agriculture

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)
Big Mine Cr. 1.4 to 3.9	2.5 miles	KY487221_01	05070203	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Surface Mining, Subsurface (Hardrock) Mining, Silviculture Activities, Inappropriate Waste Disposal
Big Mine Cr. 5.8 to 8.4	2.6 miles	KY487221_02	05070203	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing
Big Sandy R. 0.0 to 27.1	27.1 miles	KY487249_01	05070204	Boyd	5-PS	WAH	Sedimentation/ Siltation	Coal Mining, Habitat Modification - other than Hydromodification
Bill D Br. 0.0 to 1.1	1.1 miles	KY487299_01	05070203	Knott	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation
Bill D Br. 0.0 to 1.1	1.1 miles	KY487299_01	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Blaine Cr. 8.1 to 17.4	9.3 miles	KY487428_01	05070204	Lawrence	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Blaine Cr. 8.1 to 17.4	9.3 miles	KY487428_01	05070204	Lawrence	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Streambank Modifications/destabilization, Post-development Erosion and Sedimentation, Managed Pasture Grazing
Blaine Cr. 35.0 to 40.8	5.8 miles	KY487428_02	05070204	Lawrence	5-NS	PCR	Fecal Coliform	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)
Blaine Cr. 41.6 to 43.0	1.4 miles	KY487428_03	05070204	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Heap-leach Extraction Mining
Blaine Cr. 44.0 to 48.4	4.4 miles	KY487428_04	05070204	Lawrence	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Inappropriate Waste Disposal
Blaine Cr. 44.0 to 48.4	4.4 miles	KY487428_04	05070204	Lawrence	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Inappropriate Waste Disposal
Blaine Cr. 44.0 to 48.4	4.4 miles	KY487428_04	05070204	Lawrence	5-NS	PCR, SCR, WAH	pH	Surface Mining, Subsurface (Hardrock) Mining, Inappropriate Waste Disposal, Agriculture
Blaine Cr. 44.0 to 48.4	4.4 miles	KY487428_04	05070204	Lawrence	5-NS	WAH	Sedimentation/ Siltation	Surface Mining, Subsurface (Hardrock) Mining, Inappropriate Waste Disposal, Agriculture, Silviculture Activities
Brushy Fk. 0.0 to 10.0	10 miles	KY488137_01	05070203	Pike	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing, Source Unknown
Brushy Fk. 0.0 to 10.0	10 miles	KY488137_01	05070203	Pike	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Source Unknown, Managed Pasture Grazing
Brushy Fk. 0.0 to 10.0	10 miles	KY488137_01	05070203	Pike	5-NS	WAH	Total Dissolved Solids	Source Unknown, Surface Mining
Buck Br. 0.0 to 2.8	2.8 miles	KY488192_01	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Buck Br. 0.0 to 2.8	2.8 miles	KY488192_01	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), 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)
Buck Br. 0.0 to 2.8	2.8 miles	KY488192_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Post-development Erosion and Sedimentation, Heap-leach Extraction Mining
Buck Br. 0.0 to 2.8	2.8 miles	KY488192_01	05070203	Floyd	5-NS	WAH	Sulfates	Heap-leach Extraction Mining
Buffalo Creek 0.0 to 1.8	1.8 miles	KY488317_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Subsurface (Hardrock) Mining, Surface Mining
Caleb Fk. 0.0 to 1.2	1.2 miles	KY488598_01	05070203	Floyd	5-NS	WAH	Ammonia (Un-ionized)	Subsurface (Hardrock) Mining, Unspecified Urban Stormwater
Caleb Fk. 0.0 to 1.2	1.2 miles	KY488598_01	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Caleb Fk. 0.0 to 1.2	1.2 miles	KY488598_01	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Caleb Fk. 0.0 to 1.2	1.2 miles	KY488598_01	05070203	Floyd	5-NS	WAH	Phosphorus (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Caleb Fk. 0.0 to 1.2	1.2 miles	KY488598_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation
Caleb Fk. 0.0 to 1.2	1.2 miles	KY488598_01	05070203	Floyd	5-NS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Subsurface (Hardrock) 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)
Caleb Fk. 0.0 to 1.2	1.2 miles	KY488598_01	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Clear Cr. 0.0 to 4.9	4.9 miles	KY489611_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation
Clear Cr. 0.0 to 4.9	4.9 miles	KY489611_01	05070203	Floyd	5-NS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Subsurface (Hardrock) Mining
Clear Cr. 0.0 to 4.9	4.9 miles	KY489611_01	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Coldwater Fk. 2.1 to 8.8	6.7 miles	KY489804_01	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Channelization, Unspecified Urban Stormwater, Surface Mining, Sediment Resuspension (Contaminated Sediment), Other Spill Related Impacts, Loss of Riparian Habitat, Impacts from Abandoned Mine Lands (Inactive), Highway/Road/Bridge Runoff (Non-construction Related), Dredging (E.g., for Navigation Channels)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Coldwater Fk. 2.1 to 8.8	6.7 miles	KY489804_01	05070201	Martin	5-PS	WAH	Sulfates	Impacts from Abandoned Mine Lands (Inactive), Surface Mining, Other Spill Related Impacts
Coldwater Fk. 2.1 to 8.8	6.7 miles	KY489804_01	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive), Unspecified Urban Stormwater, Surface Mining, Other Spill Related Impacts
Dry Cr. 0.0 to 4.0	4 miles	KY491166_01	05070203	Knott	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation, Managed Pasture Grazing
Dry Cr. 0.0 to 4.0	4 miles	KY491166_01	05070203	Knott	5-PS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Subsurface (Hardrock) Mining
Dry Cr. 0.0 to 4.0	4 miles	KY491166_01	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Elkhorn Cr. 0.0 to 10.6	10.6 miles	KY509461_00	05070202	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Elkhorn Cr. 0.0 to 10.6	10.6 miles	KY509461_00	05070202	Pike	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Elkhorn Cr. 0.0 to 10.6	10.6 miles	KY509461_00	05070202	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Frasure Creek 0.0 to 5.2	5.2 miles	KY492466_01	05070203	Floyd	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater

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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	KY492466_01	05070203	Floyd	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Frasure Creek 0.0 to 5.2	5.2 miles	KY492466_01	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation
Frasure Creek 0.0 to 5.2	5.2 miles	KY492466_01	05070203	Floyd	5-PS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Subsurface (Hardrock) Mining
Frasure Creek 0.0 to 5.2	5.2 miles	KY492466_01	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Georges Cr. 0.0 to 0.9	0.9 miles	KY492787_01	05070203	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Subsurface (Hardrock) Mining, Surface Mining
Goose Cr. 0.0 to 2.2	2.2 miles	KY493011_01	05070203	Floyd	5-NS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation, Petroleum/natural Gas Production Activities (Permitted)
Goose Cr. 0.0 to 2.2	2.2 miles	KY493011_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Subsurface (Hardrock) Mining, 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)
Goose Cr. 0.0 to 2.2	2.2 miles	KY493011_01	05070203	Floyd	5-NS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Subsurface (Hardrock) Mining
Greasy Cr. 0.0 to 4.8	4.8 miles	KY493231_01	05070203	Johnson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Greasy Cr. 0.0 to 4.8	4.8 miles	KY493231_01	05070203	Johnson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Greasy Cr. 0.0 to 4.8	4.8 miles	KY493231_01	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Subsurface (Hardrock) Mining, Surface Mining
Hood Creek 0.0 to 3.6	3.6 miles	KY494493_01	05070204	Lawrence	5-PS	WAH	Cause Unknown	Heap-leach Extraction Mining, Unspecified Urban Stormwater, Silviculture Activities, Landfills
Hood Creek 0.0 to 3.6	3.6 miles	KY494493_01	05070204	Lawrence	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills, Unspecified Urban Stormwater
Hood Creek 0.0 to 3.6	3.6 miles	KY494493_01	05070204	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Heap-leach Extraction Mining, Unspecified Urban Stormwater, Silviculture Activities, Landfills
Ice Dam Cr. 0.0 to 0.4	0.4 miles	KY494876_01	05070204	Boyd	5-NS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Post-development Erosion and Sedimentation, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Ice Dam Cr. 0.0 to 0.4	0.4 miles	KY494876_01	05070204	Boyd	5-NS	WAH	Nitrogen (Total)	Industrial Point Source Discharge, Unspecified Urban Stormwater, 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)
Ice Dam Cr. 0.0 to 0.4	0.4 miles	KY494876_01	05070204	Boyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Post-development Erosion and Sedimentation, Industrial Point Source Discharge
Ice Dam Cr. 0.0 to 0.4	0.4 miles	KY494876_01	05070204	Boyd	5-NS	WAH	Sulfates	Industrial Point Source Discharge
Ice Dam Cr. 0.4 to 2.4	2 miles	KY494876_02	05070204	Boyd	5-NS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Post-development Erosion and Sedimentation, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Ice Dam Cr. 0.4 to 2.4	2 miles	KY494876_02	05070204	Boyd	5-NS	WAH	Nitrogen (Total)	Industrial Point Source Discharge, Unspecified Urban Stormwater, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Ice Dam Cr. 0.4 to 2.4	2 miles	KY494876_02	05070204	Boyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Post-development Erosion and Sedimentation, Industrial Point Source Discharge
Ice Dam Cr. 0.4 to 2.4	2 miles	KY494876_02	05070204	Boyd	5-NS	WAH	Sulfates	Industrial Point Source Discharge
Ice Dam Cr. 0.4 to 2.4	2 miles	KY494876_02	05070204	Boyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, 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)
Indian Cr. 0.0 to 3.5	3.5 miles	KY494929_01	05070202	Pike	5-PS	WAH	Sedimentation/ Siltation	Channelization, Surface Mining, Streambank Modifications/destabilization, Post-development Erosion and Sedimentation, Loss of Riparian Habitat, Highway/Road/Bridge Runoff (Non-construction Related)
Indian Cr. 0.0 to 3.5	3.5 miles	KY494929_01	05070202	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Island Cr. 0.0 to 1.7	1.7 miles	KY495043_01	05070203	Pike	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Island Cr. 0.0 to 1.7	1.7 miles	KY495043_01	05070203	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	05070203	Floyd	5-NS	WAH	Cause Unknown	Coal Mining, Source Unknown
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	05070203	Floyd	5-NS	WAH	Sedimentation/Siltation	Coal Mining, Source Unknown
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_01	05070203	Floyd	5-NS	WAH	Sulfates	Coal Mining, Source Unknown
Jennys Creek 5.3 to 10.8	5.5 miles	KY495218_01	05070203	Johnson	5-NS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment), Surface Mining, Subsurface (Hardrock) Mining
Johns Br. 0.0 to 1.6	1.6 miles	KY495341_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation
Johns Br. 0.0 to 1.6	1.6 miles	KY495341_01	05070203	Floyd	5-NS	WAH	Sulfates	Subsurface (Hardrock) Mining

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Johns Creek 0.0 to 5.8	5.8 miles	KY495347_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Impacts from Hydrostructure Flow Regulation/modification, Upstream Impoundments (e.g., Pl-566 NRCS Structures), Surface Mining, Subsurface (Hardrock) Mining
Johns Creek 0.0 to 5.8	5.8 miles	KY495347_01	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Subsurface (Hardrock) Mining, Surface Mining
Johns Creek 24.0 to 30.7	6.7 miles	KY495347_02	05070203	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Johns Creek 24.0 to 30.7	6.7 miles	KY495347_02	05070203	Pike	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Johns Creek 34.4 to 42.5	8.1 miles	KY495347_03	05070203	Pike	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Post-development Erosion and Sedimentation
Johns Creek 34.4 to 42.5	8.1 miles	KY495347_03	05070203	Pike	5-NS	WAH	Total Dissolved Solids	Surface Mining
Jones Fk. 0.0 to 9.4	9.4 miles	KY495499_01	05070203	Knott	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation
Jones Fk. 0.0 to 9.4	9.4 miles	KY495499_01	05070203	Knott	5-PS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Subsurface (Hardrock) Mining
Jones Fk. 0.0 to 9.4	9.4 miles	KY495499_01	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Subsurface (Hardrock) 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)
Knox Cr. 0.0 to 7.9	7.9 miles	KY495859_01	05070201	Pike	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Source Unknown
Knox Cr. 0.0 to 7.9	7.9 miles	KY495859_01	05070201	Pike	5-PS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels), Source Unknown, Habitat Modification - other than Hydromodification
Knox Cr. 0.0 to 7.9	7.9 miles	KY495859_01	05070201	Pike	5-PS	WAH	Temperature, water	Dredging (E.g., for Navigation Channels), Habitat Modification - other than Hydromodification
Left Fk. Beaver Cr. 0.0 to 11.4	11.4 miles	KY496194_01	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Unspecified Urban Stormwater, Surface Mining, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation, Loss of Riparian Habitat
Left Fk. Beaver Cr. 0.0 to 11.4	11.4 miles	KY496194_01	05070203	Floyd	5-PS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Surface Mining, Subsurface (Hardrock) Mining
Left Fk. Beaver Cr. 0.0 to 11.4	11.4 miles	KY496194_01	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Petroleum/natural Gas Production Activities (Permitted), Unspecified Urban Stormwater, Surface Mining, Subsurface (Hardrock) Mining
Left Fk. Beaver Cr. 13.6 to 18.7	5.1 miles	KY496194_02	05070203	Floyd	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Left Fk. Beaver Cr. 13.6 to 18.7	5.1 miles	KY496194_02	05070203	Floyd	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)
Left Fk. Beaver Cr. 13.6 to 18.7	5.1 miles	KY496194_02	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Post-development Erosion and Sedimentation
Left Fk. Beaver Cr. 13.6 to 18.7	5.1 miles	KY496194_02	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Surface Mining
Left Fk. Blaine Cr. 0.0 to 2.1	2.1 miles	KY496199_00	05070204	Lawrence	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Inappropriate Waste Disposal
Left Fk. Blaine Cr. 0.0 to 2.1	2.1 miles	KY496199_00	05070204	Lawrence	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Inappropriate Waste Disposal
Left Fk. Blaine Cr. 0.0 to 2.1	2.1 miles	KY496199_00	05070204	Lawrence	5-NS	PCR, SCR, WAH	pH	Surface Mining, Subsurface (Hardrock) Mining, Inappropriate Waste Disposal, Agriculture
Left Fk. Blaine Cr. 0.0 to 2.1	2.1 miles	KY496199_00	05070204	Lawrence	5-NS	WAH	Sedimentation/ Siltation	Agriculture, Surface Mining, Subsurface (Hardrock) Mining, Silviculture Activities, Inappropriate Waste Disposal
Left Fk. Middle Cr. 0.0 to 8.4	8.4 miles	KY496241_01	05070203	Floyd	5-NS	WAH	Cause Unknown	Surface Mining
Left Fk. Middle Cr. 0.0 to 8.4	8.4 miles	KY496241_01	05070203	Floyd	5-NS	PCR, SCR, WAH	pH	Surface Mining
Left Fk. Middle Cr. 0.0 to 8.4	8.4 miles	KY496241_01	05070203	Floyd	5-NS	WAH	Sulfates	Surface Mining
Left Fk. Middle Cr. 0.0 to 8.4	8.4 miles	KY496241_01	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Surface Mining
Levisa Fk. 5.8 to 15.3	9.5 miles	KY496312_02	05070203	Lawrence	5-PS	FC	Methylmercury	Source Unknown, Surface Mining
Levisa Fk. 5.8 to 15.3	9.5 miles	KY496312_02	05070203	Lawrence	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Levisa Fk. 5.8 to 15.3	9.5 miles	KY496312_02	05070203	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Surface Mining

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Levisa Fk. 5.8 to 15.3	9.5 miles	KY496312_02	05070203	Lawrence	5-PS	WAH	Total Dissolved Solids	Surface Mining
Levisa Fk. 65.2 to 99.9	34.7 miles	KY496312_04	05070203	Johnson	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Urban Runoff/Storm Sewers
Levisa Fk. 116.0 to 124.4	8.4 miles	KY496312_05	05070202	Pike	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Sewage Discharges in Unsewered Areas
Levisa Fk. 116.0 to 124.4	8.4 miles	KY496312_05	05070202	Pike	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Little Paint Cr. 3.2 to 6.4	3.2 miles	KY496821_01	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Post-development Erosion and Sedimentation
Little Paint Cr. 6.4 to 11.6	5.2 miles	KY496821_02	05070203	Johnson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Inappropriate Waste Disposal
Little Paint Cr. 6.4 to 11.6	5.2 miles	KY496821_02	05070203	Johnson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Inappropriate Waste Disposal
Little Paint Cr. 6.4 to 11.6	5.2 miles	KY496821_02	05070203	Johnson	5-NS	PCR, SCR, WAH	pH	Surface Mining, Subsurface (Hardrock) Mining, Inappropriate Waste Disposal, Agriculture
Little Paint Cr. 6.4 to 11.6	5.2 miles	KY496821_02	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Surface Mining, Subsurface (Hardrock) Mining, Silviculture Activities, Inappropriate Waste Disposal
Long Br. 0.0 to 2.0	2 miles	KY497083_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Channelization, Surface Mining, Loss of Riparian Habitat
Long Br. 0.0 to 2.0	2 miles	KY497083_01	05070203	Floyd	5-NS	WAH	Temperature, water	Channelization, Surface Mining, Loss of Riparian Habitat

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Long Br. 0.0 to 2.0	2 miles	KY497083_01	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Surface Mining
Lower Laurel Fk. 0.0 to 7.9	7.9 miles	KY497292_01	05070204	Lawrence	5-PS	WAH	Cause Unknown	Heap-leach Extraction Mining, Unspecified Urban Stormwater, Source Unknown, Silviculture Activities, Landfills
Lower Laurel Fk. 0.0 to 7.9	7.9 miles	KY497292_01	05070204	Lawrence	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills, Unspecified Urban Stormwater
Lower Laurel Fk. 0.0 to 7.9	7.9 miles	KY497292_01	05070204	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Heap-leach Extraction Mining, Unspecified Urban Stormwater, Source Unknown, Silviculture Activities, Landfills
Marrowbone Cr. 1.4 to 11.3	9.9 miles	KY497561_01	05070202	Pike	5-PS	WAH	Sedimentation/ Siltation	Channelization, Surface Mining, Post-development Erosion and Sedimentation, Loss of Riparian Habitat, Highway/Road/Bridge Runoff (Non-construction Related)
Marrowbone Cr. 1.4 to 11.3	9.9 miles	KY497561_01	05070202	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Middle Creek 0.0 to 4.5	4.5 miles	KY498108_01	05070203	Floyd	5-PS	WAH	Cause Unknown	Source Unknown
Middle Creek 0.0 to 4.5	4.5 miles	KY498108_01	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Source Unknown, Surface Mining, Subsurface (Hardrock) Mining
Middle Fk. Rockcastle Cr. 0.0 to 16.8	16.8 miles	KY498137_01	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Channelization, Unspecified Urban Stormwater, Surface Mining, Silviculture Harvesting, Loss of Riparian Habitat, Highway/Road/Bridge Runoff (Non-construction Related), Dredging (E.g., for Navigation Channels)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Middle Fk. Rockcastle Cr. 0.0 to 16.8	16.8 miles	KY498137_01	05070201	Martin	5-PS	WAH	Sulfates	Surface Mining
Middle Fk. Rockcastle Cr. 0.0 to 16.8	16.8 miles	KY498137_01	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Silviculture Harvesting, Unspecified Urban Stormwater, Surface Mining
Miller Cr. 0.0 to 6.4	6.4 miles	KY498337_01	05070203	Johnson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Miller Cr. 0.0 to 6.4	6.4 miles	KY498337_01	05070203	Johnson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Miller Cr. 0.0 to 6.4	6.4 miles	KY498337_01	05070203	Johnson	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Post-development Erosion and Sedimentation
Miller Cr. 0.0 to 6.4	6.4 miles	KY498337_01	05070203	Johnson	5-NS	WAH	Total Dissolved Solids	Surface Mining
Mud Creek 0.0 to 2.7	2.7 miles	KY498983_00	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Streambank Modifications/destabilization
Mud Creek 0.0 to 2.7	2.7 miles	KY498983_00	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	05070203	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Subsurface (Hardrock) Mining, Surface Mining
Open Fk. 6.4 to 11.3	4.9 miles	KY499953_01	05070203	Morgan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture, Inappropriate Waste Disposal
Open Fk. 6.4 to 11.3	4.9 miles	KY499953_01	05070203	Morgan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture, Inappropriate Waste Disposal

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)
Open Fk. 6.4 to 11.3	4.9 miles	KY499953_01	05070203	Morgan	5-NS	PCR, SCR, WAH	pH	Surface Mining, Subsurface (Hardrock) Mining, Inappropriate Waste Disposal, Agriculture
Open Fk. 6.4 to 11.3	4.9 miles	KY499953_01	05070203	Morgan	5-PS	WAH	Sedimentation/ Siltation	Agriculture, Surface Mining, Subsurface (Hardrock) Mining, Silviculture Activities, Inappropriate Waste Disposal
Otter Cr. 0.0 to 0.5	0.5 miles	KY500021_01	05070203	Floyd	5-NS	WAH	Ammonia (Un-ionized)	Subsurface (Hardrock) Mining, Unspecified Urban Stormwater
Otter Cr. 0.0 to 0.5	0.5 miles	KY500021_01	05070203	Floyd	5-NS	WAH	Nitrogen (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Otter Cr. 0.0 to 0.5	0.5 miles	KY500021_01	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Otter Cr. 0.0 to 0.5	0.5 miles	KY500021_01	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Otter Cr. 0.0 to 0.5	0.5 miles	KY500021_01	05070203	Floyd	5-NS	WAH	Phosphorus (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Otter Cr. 0.0 to 0.5	0.5 miles	KY500021_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, 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)
Otter Cr. 0.0 to 0.5	0.5 miles	KY500021_01	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Paddle Cr. 0.0 to 1.4	1.4 miles	KY500100_01	05070204	Boyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Unspecified Urban Stormwater
Paddle Cr. 0.0 to 1.4	1.4 miles	KY500100_01	05070204	Boyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Unspecified Urban Stormwater
Paddle Cr. 0.0 to 1.4	1.4 miles	KY500100_01	05070204	Boyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Post-development Erosion and Sedimentation, Industrial Point Source Discharge
Paddle Cr. 0.0 to 1.4	1.4 miles	KY500100_01	05070204	Boyd	5-NS	WAH	Sulfates	Industrial Point Source Discharge
Paddle Cr. 0.0 to 1.4	1.4 miles	KY500100_01	05070204	Boyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Industrial Point Source Discharge
Paint Cr. 0.0 to 7.9	7.9 miles	KY500114_01	05070203	Johnson	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Paint Cr. 0.0 to 7.9	7.9 miles	KY500114_01	05070203	Johnson	5-NS	CAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Upstream Impoundments (e.g., Pl-566 NRCS Structures)

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Paint Cr. 0.0 to 7.9	7.9 miles	KY500114_01	05070203	Johnson	5-NS	CAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Upstream Impoundments (e.g., Pl-566 NRCS Structures)
Paint Cr. 0.0 to 7.9	7.9 miles	KY500114_01	05070203	Johnson	5-NS	CAH	Sedimentation/ Siltation	Post-development Erosion and Sedimentation, Upstream Impoundments (e.g., Pl-566 NRCS Structures)
Paint Cr. 0.0 to 7.9	7.9 miles	KY500114_01	05070203	Johnson	5-NS	CAH	Temperature, water	Post-development Erosion and Sedimentation, Upstream Impoundments (e.g., Pl-566 NRCS Structures)
Panther Fk. 0.0 to 3.72	3.72 miles	KY500162_01	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related), Surface Mining
Panther Fk. 0.0 to 3.72	3.72 miles	KY500162_01	05070201	Martin	5-PS	WAH	Sulfates	Surface Mining
Panther Fk. 0.0 to 3.72	3.72 miles	KY500162_01	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Surface Mining
Peter Creek 0.0 to 5.8	5.8 miles	KY500467_01	05070201	Pike	5-NS	WAH	Sedimentation/ Siltation	Subsurface (Hardrock) Mining, Surface Mining
Pigeonroost Fork 0.0 to 1.3	1.3 miles	KY500606_01	05070201	Martin	5-NS	WAH	Sedimentation/ Siltation	Subsurface (Hardrock) Mining, Surface Mining
Pond Cr. 3.4 to 9.7	6.3 miles	KY501044_01	05070201	Pike	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pond Cr. 3.4 to 9.7	6.3 miles	KY501044_01	05070201	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pond Cr. 3.4 to 9.7	6.3 miles	KY501044_01	05070201	Pike	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Post-development Erosion and Sedimentation

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)
Pond Cr. 3.4 to 9.7	6.3 miles	KY501044_01	05070201	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Puncheon Br. 0.0 to 3.6	3.6 miles	KY501437_01	05070203	Knott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Puncheon Br. 0.0 to 3.6	3.6 miles	KY501437_01	05070203	Knott	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Puncheon Br. 0.0 to 3.6	3.6 miles	KY501437_01	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Raccoon Cr. 5.6 to 7.4	1.8 miles	KY501505_01	05070203	Pike	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Post-development Erosion and Sedimentation
Raccoon Cr. 5.6 to 7.4	1.8 miles	KY501505_01	05070203	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Right Fk. Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	05070203	Floyd	5-NS	PCR	Fecal Coliform	Inappropriate Waste Disposal, Managed Pasture Grazing, Loss of Riparian Habitat, Inappropriate Waste Disposal, Managed Pasture Grazing, Loss of Riparian Habitat
Right Fk. Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	05070203	Floyd	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Inappropriate Waste Disposal, Managed Pasture Grazing
Right Fk. Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	05070203	Floyd	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Inappropriate Waste Disposal, Managed Pasture Grazing

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)
Right Fk. Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	05070203	Floyd	5-NS	PCR, SCR, WAH	pH	Acid Mine Drainage, Surface Mining, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted), Inappropriate Waste Disposal
Right Fk. Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Acid Mine Drainage, Surface Mining, Subsurface (Hardrock) Mining, Silviculture Activities, Post-development Erosion and Sedimentation, Managed Pasture Grazing, Loss of Riparian Habitat, Inappropriate Waste Disposal, Channelization
Right Fk. Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	05070203	Floyd	5-PS	WAH	Sulfates	Acid Mine Drainage, Surface Mining, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted), Inappropriate Waste Disposal
Right Fk. Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_01	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Acid Mine Drainage, Surface Mining, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted), Inappropriate Waste Disposal
Right Fk. Beaver Creek 30.3 to 33.4	2.9 miles	KY501863_02	05070203	Knott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Right Fk. Beaver Creek 30.3 to 33.4	2.9 miles	KY501863_02	05070203	Knott	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Right Fk. Beaver Creek 30.3 to 33.4	2.9 miles	KY501863_02	05070203	Knott	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, 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)
Right Fk. Beaver Creek 30.3 to 33.4	2.9 miles	KY501863_02	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Surface Mining
Rock Fk. 0.0 to 7.0	7 miles	KY502115_01	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation
Rock Fk. 0.0 to 7.0	7 miles	KY502115_01	05070203	Floyd	5-PS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Subsurface (Hardrock) Mining
Rock Fk. 0.0 to 7.0	7 miles	KY502115_01	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Rockcastle Cr. 0.0 to 3.7	3.7 miles	KY502158_01	05070201	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Post-development Erosion and Sedimentation, Surface Mining
Rockcastle Cr. 0.0 to 3.7	3.7 miles	KY502158_01	05070201	Lawrence	5-PS	WAH	Total Dissolved Solids	Surface Mining
Rockcastle Cr. 3.7 to 13.25	9.55 miles	KY502158_02	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Channelization, Unspecified Urban Stormwater, Surface Mining, Sediment Resuspension (Contaminated Sediment), Highway/Road/Bridge Runoff (Non-construction Related), Dredging (E.g., for Navigation Channels)
Rockcastle Cr. 3.7 to 13.25	9.55 miles	KY502158_02	05070201	Martin	5-PS	WAH	Sulfates	Surface Mining
Rockcastle Cr. 3.7 to 13.25	9.55 miles	KY502158_02	05070201	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 Cr. 13.25 to 15.3	2.05 miles	KY502158_03	05070201	Martin	5-NS	WAH	Sedimentation/ Siltation	Subsurface (Hardrock) Mining, Surface Mining
Rockhouse Fk. 0.0 to 6.3	6.3 miles	KY502205_01	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining, Post-development Erosion and Sedimentation
Rockhouse Fk. 0.0 to 6.3	6.3 miles	KY502205_01	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Surface Mining
Russell Fk 0.0 to 4.2	4.2 miles	KY502524_01	05070202	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Salisbury Br. 0.0 to 1.8	1.8 miles	KY502805_01	05070203	Knott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Unspecified Urban Stormwater
Salisbury Br. 0.0 to 1.8	1.8 miles	KY502805_01	05070203	Knott	5-PS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Subsurface (Hardrock) Mining
Salisbury Br. 0.0 to 1.8	1.8 miles	KY502805_01	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Salt Lick Cr. 0.0 to 6.8	6.8 miles	KY502845_01	05070203	Floyd	5-PS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation
Salt Lick Cr. 0.0 to 6.8	6.8 miles	KY502845_01	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Subsurface (Hardrock) Mining, 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)
Salt Lick Cr. 0.0 to 6.8	6.8 miles	KY502845_01	05070203	Floyd	5-PS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Subsurface (Hardrock) Mining
Shelby Cr. 0.0 to 6.1	6.1 miles	KY503319_01	05070202	Pike	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Shelby Cr. 0.0 to 6.1	6.1 miles	KY503319_01	05070202	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Shelby Cr. 6.1 to 13.3	7.2 miles	KY503319_02	05070202	Pike	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Septage Disposal
Shelby Cr. 6.1 to 13.3	7.2 miles	KY503319_02	05070202	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Septage Disposal
Shelby Cr. 6.1 to 13.3	7.2 miles	KY503319_02	05070202	Pike	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Septage Disposal
Simpson Br. 0.0 to 1.8	1.8 miles	KY503532_01	05070203	Floyd	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Simpson Br. 0.0 to 1.8	1.8 miles	KY503532_01	05070203	Floyd	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Simpson Br. 0.0 to 1.8	1.8 miles	KY503532_01	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, 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)
Simpson Br. 0.0 to 1.8	1.8 miles	KY503532_01	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Sizemore Br. 0.0 to 2.0	2 miles	KY503590_01	05070203	Floyd	5-NS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Subsurface (Hardrock) Mining
Sizemore Br. 0.0 to 2.0	2 miles	KY503590_01	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Spewing Camp Br. 0.0 to 3.1	3.1 miles	KY504061_01	05070203	Floyd	5-NS	WAH	Cause Unknown	Surface Mining
Spewing Camp Br. 0.0 to 3.1	3.1 miles	KY504061_01	05070203	Floyd	5-NS	PCR, SCR, WAH	pH	Surface Mining
Spewing Camp Br. 0.0 to 3.1	3.1 miles	KY504061_01	05070203	Floyd	5-NS	WAH	Sulfates	Surface Mining
Spewing Camp Br. 0.0 to 3.1	3.1 miles	KY504061_01	05070203	Floyd	5-NS	WAH	Total Suspended Solids (TSS)	Surface Mining
Steele Cr. 0.0 to 2.4	2.4 miles	KY504308_01	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater
Steele Cr. 0.0 to 2.4	2.4 miles	KY504308_01	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Steele Cr. 0.0 to 2.4	2.4 miles	KY504308_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Surface Mining, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation
Steele Cr. 0.0 to 2.4	2.4 miles	KY504308_01	05070203	Floyd	5-NS	WAH	Sulfates	Subsurface (Hardrock) Mining, Surface Mining
Steele Cr. 0.0 to 2.4	2.4 miles	KY504308_01	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Surface Mining, Subsurface (Hardrock) Mining
Stephens Br. 0.0 to 2.6	2.6 miles	KY504331_01	05070203	Floyd	5-NS	WAH	Ammonia (Un-ionized)	Industrial Point Source Discharge, Unspecified Urban Stormwater, Surface Mining
Stephens Br. 0.0 to 2.6	2.6 miles	KY504331_01	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing, Unspecified Urban Stormwater, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Stephens Br. 0.0 to 2.6	2.6 miles	KY504331_01	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Managed Pasture Grazing, Unspecified Urban Stormwater, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Stephens Br. 0.0 to 2.6	2.6 miles	KY504331_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Surface Mining, Managed Pasture Grazing, 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)
Stephens Br. 0.0 to 2.6	2.6 miles	KY504331_01	05070203	Floyd	5-NS	WAH	Sulfates	Industrial Point Source Discharge, Surface Mining
Toms Creek 0.0 to 8.0	8 miles	KY505352_01	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Subsurface (Hardrock) Mining, Surface Mining
Tug Fk. 71.9 to 77.7	5.8 miles	KY505554_03	05070201	Martin	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Tug Fk. 78.25 to 84.4	6.15 miles	KY505554_04	05070201	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Tug Fk. 10.2 to 41.6	31.4 miles	KY505554_02	05070201	Martin	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Turkey Cr. 0.0 to 5.9	5.9 miles	KY505598_01	05070203	Floyd	5-NS	WAH	Cause Unknown	Habitat Modification - other than Hydromodification, Surface Mining, Subsurface (Hardrock) Mining, Site Clearance (Land Development or Redevelopment), Post-development Erosion and Sedimentation, Petroleum/natural Gas Production Activities (Permitted), Managed Pasture Grazing
Turkey Cr. 0.0 to 5.9	5.9 miles	KY505598_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Surface Mining, Subsurface (Hardrock) Mining, Site Clearance (Land Development or Redevelopment), Post-development Erosion and Sedimentation, Managed Pasture Grazing

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Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Turkey Cr. 0.0 to 5.9	5.9 miles	KY505598_01	05070203	Floyd	5-NS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Surface Mining, Subsurface (Hardrock) Mining
Upper Pidgeon Br. 0.0 to 2.1	2.1 miles	KY505895_01	05070202	Pike	5-NS	WAH	Nitrogen (Total)	Source Unknown
Upper Pidgeon Br. 0.0 to 2.1	2.1 miles	KY505895_01	05070202	Pike	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Upper Pidgeon Br. 0.0 to 2.1	2.1 miles	KY505895_01	05070202	Pike	5-NS	WAH	Total Dissolved Solids	Surface Mining
Wilson Cr. 0.0 to 2.9	2.9 miles	KY506897_01	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing, Unspecified Urban Stormwater, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Wilson Cr. 0.0 to 2.9	2.9 miles	KY506897_01	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Managed Pasture Grazing, Unspecified Urban Stormwater, On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Wilson Cr. 0.0 to 2.9	2.9 miles	KY506897_01	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Surface Mining, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation, Managed Pasture Grazing
Wilson Cr. 0.0 to 2.9	2.9 miles	KY506897_01	05070203	Floyd	5-NS	WAH	Sulfates	Subsurface (Hardrock) Mining, Surface Mining

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Streams

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Wolf Cr. 0.0 to 6.5	6.5 miles	KY507001_01	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels), Unspecified Urban Stormwater, Surface Mining, Sediment Resuspension (Contaminated Sediment), Highway/Road/Bridge Runoff (Non-construction Related)
Wolf Cr. 0.0 to 6.5	6.5 miles	KY507001_01	05070201	Martin	5-PS	WAH	Sulfates	Surface Mining
Wolf Cr. 0.0 to 6.5	6.5 miles	KY507001_01	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Surface Mining, Unspecified Urban Stormwater
Wolf Cr. 17.6 to 20.5	2.9 miles	KY507001_03	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related), Surface Mining
Wolf Cr. 17.6 to 20.5	2.9 miles	KY507001_03	05070201	Martin	5-PS	WAH	Sulfates	Surface Mining
Wolf Cr. 17.6 to 20.5	2.9 miles	KY507001_03	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Surface Mining
Wolf Cr. 6.5 to 17.6	11.1 miles	KY507001_02	05070201	Martin	5-NS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels), Unspecified Urban Stormwater, Surface Mining, Sediment Resuspension (Contaminated Sediment), Highway/Road/Bridge Runoff (Non-construction Related)
Wolf Cr. 6.5 to 17.6	11.1 miles	KY507001_02	05070201	Martin	5-NS	WAH	Sulfates	Surface Mining
Wolf Cr. 6.5 to 17.6	11.1 miles	KY507001_02	05070201	Martin	5-NS	WAH	Total Dissolved Solids	Surface Mining, Unspecified Urban Stormwater
Wolfpen Br. 0.0 to 1.7	1.7 miles	KY507038_01	05070202	Pike	5-NS	WAH	Sedimentation/ Siltation	Channelization, Surface Mining, Silviculture Harvesting, Loss of Riparian Habitat
Wolfpen Br. 0.0 to 1.7	1.7 miles	KY507038_01	05070202	Pike	5-NS	WAH	Temperature, water	Channelization, Surface Mining, Silviculture Harvesting, Loss of Riparian Habitat

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)
Wolfpen Br. 0.0 to 1.7	1.7 miles	KY507038_01	05070202	Pike	5-NS	WAH	Total Dissolved Solids	Silviculture Harvesting, Surface Mining

Big Sandy-Little Sandy-Tygarts Basin Unit 303(d) List
Big Sandy River Basin
Lakes

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Dewey Lake	1100 acres	KY490849_00	05070203	Floyd	5-PS	SCR	Total Suspended Solids (TSS)	Surface Mining, Upstream Source
Paintsville Reservoir	1139 acres	KY509958_00	05070203	Johnson	5-PS	FC	Methylmercury	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)
Allcorn Creek 1.4 to 3.9	2.5 miles	KY485841_01	05090104	Greenup	5-NS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat
Allcorn Creek 1.4 to 3.9	2.5 miles	KY485841_01	05090104	Greenup	5-NS	WAH	Temperature, water	Loss of Riparian Habitat
Barrett Creek 0.0 to 7.2	7.2 miles	KY486936_01	05090104	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	05090104	Greenup	5-PS	WAH	Cause Unknown	Source Unknown
Dry Fk 1.2 to 4.5	3.3 miles	KY491206_01	05090104	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Silviculture Harvesting
East Fork Little Sandy River 24.9 to 26.4	1.5 miles	KY491469_02	05090104	Boyd	5-NS	PCR	Fecal Coliform	Loss of Riparian Habitat
East Fork Little Sandy River 27.1 to 30.0	2.9 miles	KY491469_03	05090104	Boyd	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Surface Mining
Ellingtons Bear Cr 0.0 to 1.5	1.5 miles	KY491699_01	05090104	Boyd	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Ellingtons Bear Cr 0.0 to 1.5	1.5 miles	KY491699_01	05090104	Boyd	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Ellingtons Bear Cr 0.0 to 1.5	1.5 miles	KY491699_01	05090104	Boyd	5-PS	WAH	Temperature, water	Loss of Riparian Habitat
Everman Cr 0.0 to 5.7	5.7 miles	KY491855_01	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Garner Cr 0.0 to 1.8	1.8 miles	KY492710_01	05090104	Boyd	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing, Silviculture Harvesting

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)
Left Fk. Redwine Cr. 0.0 to 1.2	1.2 miles	KY496857-7.9_01	05090104	Elliott	5-PS	WAH	Cause Unknown	Source Unknown
Lick Fk. 0.0 to 5.2	5.2 miles	KY496506_01	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Post-development Erosion and Sedimentation, Managed Pasture Grazing
Lick Fk. 0.0 to 5.2	5.2 miles	KY496506_01	05090104	Elliott	5-PS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Subsurface (Hardrock) Mining
Lick Fk. 0.0 to 5.2	5.2 miles	KY496506_01	05090104	Elliott	5-PS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Little Fk. Little Sandy R. 4.8 to 6.0	1.2 miles	KY496737_02	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat
Little Fk. Little Sandy R. 4.8 to 6.0	1.2 miles	KY496737_02	05090104	Carter	5-PS	WAH	Temperature, water	Loss of Riparian Habitat
Little Fk. Little Sandy R. 12.0 to 23.8	11.8 miles	KY496737_04	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Surface Mining, Loss of Riparian Habitat
Little Fk. Little Sandy R. 23.8 to 27.7	3.9 miles	KY496737_05	05090104	Elliott	5-NS	WAH	Sedimentation/ Siltation	Channelization, Silviculture Harvesting, Non-irrigated Crop Production, Managed Pasture Grazing

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)
Little Fk. Little Sandy R. 27.7 to 30.5	2.8 miles	KY496737_06	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat
Little Fk. Little Sandy R. 27.7 to 30.5	2.8 miles	KY496737_06	05090104	Elliott	5-PS	WAH	Temperature, water	Loss of Riparian Habitat
Little Sandy R. 0.0 to 0.2	0.2 miles	KY496857_01	05090104	Greenup	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges
Little Sandy R. 71.8 to 74.7	2.9 miles	KY496857_07	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification
Lower Stinson Cr. 0.0 to 1.1	1.1 miles	KY397300_01	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Middle Fk. Little Sandy R. 5.7 to 7.5	1.8 miles	KY498129_02	05090104	Elliott	5-PS	WAH	Cause Unknown	Source Unknown
Newcombe Cr. 0.0 to 11.9	11.9 miles	KY499428_01	05090104	Elliott	5-PS	WAH	Cause Unknown	Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Silviculture Harvesting, Post-development Erosion and Sedimentation, Petroleum/natural Gas Production Activities (Permitted), Mine Tailings, Managed Pasture Grazing, Impacts from Abandoned Mine Lands (Inactive), Highways, Roads, Bridges, Infrastructure (New Construction), Habitat Modification - other than Hydromodification, Crop Production (Crop Land or Dry Land)

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)
Newcombe Cr. 0.0 to 11.9	11.9 miles	KY499428_01	05090104	Elliott	5-PS	WAH	Sedimentation/Siltation	Unspecified Urban Stormwater, Subsurface (Hardrock) Mining, Silviculture Harvesting, Post-development Erosion and Sedimentation, Managed Pasture Grazing, Impacts from Abandoned Mine Lands (Inactive), Highways, Roads, Bridges, Infrastructure (New Construction), Habitat Modification - other than Hydromodification, Crop Production (Crop Land or Dry Land)
Newcombe Cr. 0.0 to 11.9	11.9 miles	KY499428_01	05090104	Elliott	5-PS	WAH	Sulfates	Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted), Mine Tailings, Impacts from Abandoned Mine Lands (Inactive)
Oldtown Cr. 0.0 to 1.9	1.9 miles	KY496026_01	05090104	Greenup	5-PS	WAH	Oil and Grease	Source Unknown
Oldtown Cr. 0.0 to 1.9	1.9 miles	KY496026_01	05090104	Greenup	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Loss of Riparian Habitat
Oldtown Cr. 0.0 to 1.9	1.9 miles	KY496026_01	05090104	Greenup	5-PS	WAH	Temperature, water	Loss of Riparian Habitat, Source Unknown
Oldtown Cr. 0.0 to 1.9	1.9 miles	KY496026_01	05090104	Greenup	5-PS	WAH	Turbidity	Livestock (Grazing or Feeding Operations), Source Unknown, Loss of Riparian Habitat

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)
Right Fk. Newcombe Cr. 0.0 to 4.2	4.2 miles	KY501913_01	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land), Surface Mining, Subsurface (Hardrock) Mining, Managed Pasture Grazing, Habitat Modification - other than Hydromodification
Right Fk. Newcombe Cr. 0.0 to 4.2	4.2 miles	KY501913_01	05090104	Elliott	5-PS	WAH	Sulfates	Petroleum/natural Gas Production Activities (Permitted), Surface Mining, Subsurface (Hardrock) Mining
Right Fk. Newcombe Cr. 0.0 to 4.2	4.2 miles	KY501913_01	05090104	Elliott	5-PS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Surface Mining, Subsurface (Hardrock) Mining, Petroleum/natural Gas Production Activities (Permitted)
Rocky Br. 0.0 to 3.2	3.2 miles	KY502230_01	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Surface Mining, Post-development Erosion and Sedimentation, Highways, Roads, Bridges, Infrastructure (New Construction)
Rocky Br. 0.0 to 3.2	3.2 miles	KY502230_01	05090104	Elliott	5-PS	WAH	Total Dissolved Solids	Habitat Modification - other than Hydromodification, Unspecified Urban Stormwater, Surface Mining, Petroleum/natural Gas Production Activities (Permitted)
Straight Cr. 0.0 to 3.8	3.8 miles	KY504550_01	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production, Silviculture Harvesting

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)
Tunnel Br. 0.0 to 1.7	1.7 miles	KY505568_01	05090104	Greenup	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Post-development Erosion and Sedimentation
Tunnel Br. 0.0 to 1.7	1.7 miles	KY505568_01	05090104	Greenup	5-NS	WAH	Temperature, water	Loss of Riparian Habitat, Post-development Erosion and Sedimentation
UT to E. Fk. Little Sandy R. 0.0 to 0.3	0.3 miles	KY491469-8.1_01	05090104	Greenup	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
UT to E. Fk. Little Sandy R. 0.0 to 0.3	0.3 miles	KY491469-8.1_01	05090104	Greenup	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
UT to E. Fk. Little Sandy R. 0.0 to 0.3	0.3 miles	KY491469-8.1_01	05090104	Greenup	5-NS	WAH	Sedimentation/ Siltation	Channelization
UT to E. Fk. Little Sandy R. 0.0 to 0.3	0.3 miles	KY491469-8.1_01	05090104	Greenup	5-NS	WAH	Total Dissolved Solids	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Wells Cr. 0.0 to 3.5	3.5 miles	KY506380_01	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive), Silviculture Harvesting, Non-irrigated Crop Production, Managed Pasture Grazing
Williams Cr. 0.0 to 2.9	2.9 miles	KY506818_01	05090104	Boyd	5-PS	WAH	Cause Unknown	Source Unknown

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	05090104	Carter	5-PS	FC	Methylmercury	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	05090103	Greenup	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Newberry Branch 0.0 to 2.8	2.8 miles	KY499417_01	05090103	Greenup	5-NS	WAH	Sedimentation/ Siltation	Channelization, Non-irrigated Crop Production, Highway/Road/Bridge Runoff (Non-construction Related)
Newberry Branch 0.0 to 2.8	2.8 miles	KY499417_01	05090103	Greenup	5-NS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related), Non-irrigated Crop Production
UT to Chinns Branch 0.0 to 1.1	1.1 miles	KY489481-0.8_01	05090103	Greenup	5-NS	WAH	Sedimentation/ Siltation	Channelization, Post-development Erosion and Sedimentation, Loss of Riparian Habitat
UT to Chinns Branch 0.0 to 1.1	1.1 miles	KY489481-0.8_01	05090103	Greenup	5-NS	WAH	Temperature, water	Channelization, Post-development Erosion and Sedimentation, Loss of Riparian Habitat

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	05090103	Greenup	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Managed Pasture Grazing
Jacobs Fork 3.6 to 5.7	2.1 miles	KY495138_01	05090103	Carter	5-PS	WAH	Sedimentation/ Siltation	Channelization, Managed Pasture Grazing, Dredging (E.g., for Navigation Channels), Dredge Mining
Schultz Creek 4.7 to 10.8	6.1 miles	KY503068_02	05090103	Greenup	5-PS	WAH	Cause Unknown	Source Unknown
Smith Creek 2.0 to 4.3	2.3 miles	KY503783_01	05090103	Carter	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations)
Smith Creek 2.0 to 4.3	2.3 miles	KY503783_01	05090103	Carter	5-PS	WAH	Temperature, water	Source Unknown
Trough Camp 1.5 to 6.1	4.6 miles	KY505516_01	05090103	Carter	5-PS	WAH	Sedimentation/ Siltation	Channelization, Post-development Erosion and Sedimentation
Tygarts Creek 0.0 to 45.7	45.7 miles	KY516088_01	05090103	Greenup	5-NS	FC	Methylmercury	Source Unknown
Tygarts Creek 0.0 to 45.7	45.7 miles	KY516088_01	05090103	Greenup	5-NS	FC	Polychlorinated biphenyls	Source Unknown
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	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 317.0 to 357.0	40 miles	N/A	05090103	Boyd	5-PS	FC	Dioxin	Source Unknown
Ohio River 317.0 to 357.0	40 miles	N/A	05090103	Boyd	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 357.0 to 362.0	5 miles	N/A	05090103	Lewis	5-PS	FC	Dioxin	Source Unknown
Ohio River 357.0 to 362.0	5 miles	N/A	05090103	Lewis	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 357.0 to 362.0	5 miles	N/A	05090103	Lewis	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 362.0 to 383.0	21 miles	N/A	05090201	Lewis	5-PS	FC	Dioxin	Source Unknown
Ohio River 362.0 to 383.0	21 miles	N/A	05090201	Lewis	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 383.0 to 388.0	5 miles	N/A	05090201	Lewis	5-PS	FC	Dioxin	Source Unknown
Ohio River 383.0 to 388.0	5 miles	N/A	05090201	Lewis	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 383.0 to 388.0	5 miles	N/A	05090201	Lewis	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 388.0 to 393.0	5 miles	N/A	05090201	Lewis	5-PS	FC	Dioxin	Source Unknown
Ohio River 388.0 to 393.0	5 miles	N/A	05090201	Lewis	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 393. 0 to 397.0	4 miles	N/A	05090201	Lewis	5-PS	FC	Dioxin	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 393. 0 to 397.0	4 miles	N/A	05090201	Lewis	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 393. 0 to 397.0	4 miles	N/A	05090201	Lewis	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 397.0 to 461.0	64 miles	N/A	05090201	Lewis	5-PS	FC	Dioxin	Source Unknown
Ohio River 397.0 to 461.0	64 miles	N/A	05090201	Lewis	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 461.0 to 477.0	16 miles	N/A	05090203	Campbell	5-PS	FC	Dioxin	Source Unknown
Ohio River 461.0 to 477.0	16 miles	N/A	05090203	Campbell	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 461.0 to 477.0	16 miles	N/A	05090203	Campbell	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 477.0 to 484.0	7 miles	N/A	05090203	Kenton	5-PS	FC	Dioxin	Source Unknown
Ohio River 477.0 to 484.0	7 miles	N/A	05090203	Kenton	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 477.0 to 484.0	7 miles	N/A	05090203	Kenton	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 484.0 to 488.0	4 miles	N/A	05090203	Boone	5-PS	FC	Dioxin	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 484.0 to 488.0	4 miles	N/A	05090203	Boone	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 484.0 to 488.0	4 miles	N/A	05090203	Boone	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 488.0 to 491.0	3 miles	N/A	05090203	Boone	5-PS	FC	Dioxin	Source Unknown
Ohio River 488.0 to 491.0	3 miles	N/A	05090203	Boone	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 491.0 to 501.0	10 miles	N/A	05090203	Boone	5-PS	FC	Dioxin	Source Unknown
Ohio River 491.0 to 501.0	10 miles	N/A	05090203	Boone	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 491.0 to 501.0	10 miles	N/A	05090203	Boone	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 501.0 to 521.0	20 miles	N/A	05090203	Boone	5-PS	FC	Dioxin	Source Unknown
Ohio River 501.0 to 521.0	20 miles	N/A	05090203	Boone	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 521.0 to 541.0	20 miles	N/A	05090203	Gallatin	5-PS	FC	Dioxin	Source Unknown
Ohio River 521.0 to 541.0	20 miles	N/A	05090203	Gallatin	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 521.0 to 541.0	20 miles	N/A	05090203	Gallatin	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 541.0 to 593.0	52 miles	N/A	05090203	Carroll	5-PS	FC	Dioxin	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 541.0 to 593.0	52 miles	N/A	05090203	Carroll	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 593.0 to 608.0	15 miles	N/A	05140101	Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 593.0 to 608.0	15 miles	N/A	05140101	Jefferson	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 593.0 to 608.0	15 miles	N/A	05140101	Jefferson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 608.0 to 621.0	13 miles	N/A	05140101	Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 608.0 to 621.0	13 miles	N/A	05140101	Jefferson	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 608.0 to 621.0	13 miles	N/A	05140101	Jefferson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 621.0 to 629.0	8 miles	N/A	05140101	Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 621.0 to 629.0	8 miles	N/A	05140101	Jefferson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 629.0 to 709.0	80 miles	N/A	05140101	Jefferson	5-PS	FC	Dioxin	Source Unknown
Ohio River 629.0 to 709.0	80 miles	N/A	05140101	Jefferson	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 629.0 to 709.0	80 miles	N/A	05140101	Jefferson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 709.0 to 719.0	10 miles	N/A	05140201	Breckinridge	5-PS	FC	Dioxin	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 709.0 to 719.0	10 miles	N/A	05140201	Breckinridge	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 709.0 to 719.0	10 miles	N/A	05140201	Breckinridge	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 719.0 to 785.0	66 miles	N/A	05140201	Hancock	5-PS	FC	Dioxin	Source Unknown
Ohio River 719.0 to 785.0	66 miles	N/A	05140201	Hancock	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 719.0 to 785.0	66 miles	N/A	05140201	Hancock	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 785.0 to 789.0	4 miles	N/A	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 785.0 to 789.0	4 miles	N/A	05140202	Henderson	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 785.0 to 789.0	4 miles	N/A	05140202	Henderson	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 789.0 to 844.0	55 miles	N/A	05140202	Henderson	5-PS	FC	Dioxin	Source Unknown
Ohio River 789.0 to 844.0	55 miles	N/A	05140202	Henderson	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 789.0 to 844.0	55 miles	N/A	05140202	Henderson	5-PS	FC	Polychlorinated biphenyls	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 844.0 to 849.0	5 miles	N/A	05140202	Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 844.0 to 849.0	5 miles	N/A	05140202	Union	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 844.0 to 849.0	5 miles	N/A	05140202	Union	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 849.0 to 862.0	13 miles	N/A	05140203	Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 849.0 to 862.0	13 miles	N/A	05140203	Union	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 862.0 to 873.0	11 miles	N/A	05140203	Union	5-PS	FC	Dioxin	Source Unknown
Ohio River 862.0 to 873.0	11 miles	N/A	05140203	Union	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 862.0 to 873.0	11 miles	N/A	05140203	Union	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 873.0 to 894.0	21 miles	N/A	05140203	Crittenden	5-PS	FC	Dioxin	Source Unknown
Ohio River 873.0 to 894.0	21 miles	N/A	05140203	Crittenden	5-PS	FC	Polychlorinated biphenyls	Source Unknown
Ohio River 894.0 to 910.0	16 miles	N/A	05140203	Livingston	5-PS	FC	Dioxin	Source Unknown
Ohio River 894.0 to 910.0	16 miles	N/A	05140203	Livingston	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems), Unspecified Urban Stormwater, Agriculture, Combined Sewer Overflows
Ohio River 894.0 to 910.0	16 miles	N/A	05140203	Livingston	5-PS	FC	Polychlorinated biphenyls	Source Unknown

Ohio River Mainstem 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	8-Digit HUC	County	Assessment Category	Use	Impairment	Suspected Source(s)
Ohio River 910.0 to 981.0	71 miles	N/A	05140203	Livingston	5-PS	FC	Dioxin	Source Unknown
Ohio River 910.0 to 981.0	71 miles	N/A	05140203	Livingston	5-PS	FC	Polychlorinated biphenyls	Source Unknown

Appendix B. Table of EPA Approved Delistings for 2008

This table contains waterbody/pollutant combinations that were in Category 5 on the 2006 list and have now been assessed as fully supporting or were a listing error. EPA has approved these delisting for the 2008 Integrated Report.

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Barren River Reservoir	10000 acres	KY489429_00	Freshwater Reservoir	Green/ Tradewater	Green River	05110002	Allen	FC	Methylmercury
Clarks River 55.6 to 64.7	9.1 miles	KY489552_08	River	Tenn/ Miss/ Cumberland	Tennessee River	06040006	Calloway	WAH	Cause Unknown
Cranks Creek Lake	219 acres	KYCLN057_00	Freshwater Reservoir	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR, SCR, WAH	pH
Damon Creek 0.0 to 1.8	1.8 miles	KY490545_01	River	Tenn/ Miss/ Cumberland	Tennessee River	06040006	Calloway	WAH	Cause Unknown
Deer Creek 8.4 to 17.7	9.3 miles	KY490771_02	River	Green/ Tradewater	Green River	05110005	Webster	WAH	Cause Unknown
Donaldson Creek 4.0 to 7.2	3.2 miles	KY491000_01	River	Tenn/ Miss/ Cumberland	Lower Cumberland	05130205	Trigg	WAH	Cause Unknown
Guist Creek Lake	317 acres	KY493464_00	Freshwater Reservoir	Salt/ Licking	Salt River	05140102	Shelby	FC	Methylmercury
Jonathan Creek 10.9 to 19.3	8.4 miles	KY495443_02	River	Tenn/ Miss/ Cumberland	Tennessee River	06040005	Calloway	WAH	Cause Unknown
Kentucky River 154.0 to 210.0	56.0 miles	KY513130_08	River	Kentucky	Kentucky River	05100205	Jessamine	PCR	Fecal Coliform
Kentucky River 53.5 to 118.2	64.7 miles	KY513130_03	River	Kentucky	Kentucky River	05100205	Franklin	FC	Methylmercury
Lake Peewee	360 acres	KY500353_00	Freshwater Reservoir	Green/ Tradewater	Tradewater	05140205	Hopkins	DWS	Nutrient/ Eutrophication Biological Indicators
Little Clear Creek 0.0 to 10.9	10.9 miles	KY496670_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR, SCR, WAH	pH
Little River 20.6 to 30.0	9.4 miles	KY496838_02	River	Tenn/ Miss/ Cumberland	Lower Cumberland	05130205	Trigg	WAH	Iron
Martins Fork 19.4 to 28.85	9.45 miles	KY497628_03	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR, SCR, WAH	pH

Approved Delistings

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Mayfield Creek 11.1 to 16.5	5.4 miles	KY497717_02	River	Tenn/ Miss/ Cumberland	Mississippi River	08010201	Carlisle	WAH	Zinc
North Fork of Panther Creek 0.0 to 4.2	4.2 miles	KY499562_01	River	Green/ Tradewater	Green River	05110005	Daviess	WAH	Cause Unknown
Pitman Creek 4.8 to 5.95	1.15 miles	KY514627_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130103	Pulaski	WAH	Cause Unknown
Red Bird River 0.0 to 15.0	15 miles	KY514862_01	River	Kentucky	Kentucky River	05100203	Clay	PCR	Fecal Coliform
Red River 50.8 to 54.5	4.3 miles	KY501672_01	River	Tenn/ Miss/ Cumberland	Lower Cumberland	05130206	Logan	WAH	Impairment Unknown
Salem Lake	99 acres	KYCLN010_00	Freshwater Reservoir	Green/ Tradewater	Green River	05110001	Larue	SCR	Sedimentation/ Siltation
Straight Creek 0.0 to 1.7	1.7 miles	KY515746_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Bell	WAH	Sedimentation/ Siltation
Swan Pond	193 acres	KY504837_00	Freshwater Lake	Tenn/ Miss/ Cumberland	Mississippi River	08010100	Ballard	WAH	Nutrient/ Eutrophication Biological Indicators
Tennessee River 21.8 to 23.1	1.3 miles	KY517033_04	River	Tenn/ Miss/ Cumberland	Tennessee River	06040006	Marshall	WAH	Cause Unknown
Tygarts Creek 0.0 to 45.7	45.7 miles	KY516088_01	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	PCR	Fecal Coliform
West Fork of Clarks River 34.2 to 38.2	4.0 miles	KY506426_06	River	Tenn/ Miss/ Cumberland	Tennessee River	06040006	Calloway	WAH	Cause Unknown
Wood Creek Lake	672 acres	KY516467_00	Freshwater Reservoir	Tenn/ Miss/ Cumberland	Upper Cumberland	05130102	Laurel	DWS	Organic Enrichment (Sewage) Biological Indicators

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 4 A (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	05130101	Harlan	PCR	Fecal Coliform
Baughman Fork 0.0 to 2.7	2.7 miles	KY486478_01	River	Kentucky	Kentucky River	05100205	Fayette	WAH	Nutrient/ Eutrophication Biological Indicators
Baughman Fork 0.0 to 2.7	2.7 miles	KY486478_01	River	Kentucky	Kentucky River	05100205	Fayette	WAH	Organic Enrichment (Sewage) Biological Indicators
Bayou de Chien 14.3 to 28.2	13.9 miles	KY486489_03	River	Tenn/ Miss/ Cumberland	Mississippi River	08010201	Hickman	PCR	Fecal Coliform
Beech Creek 0.0 to 3.9	3.9 miles	KY486697_00	River	Green/ Tradewater	Green River	05110003	Muhlenberg	WAH, PCR, SCR	pH
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 Reedy Creek 7.2 to 12.4	5.2 miles	KY487231_00	River	Green/ Tradewater	Green River	05110001	Butler	PCR	Fecal Coliform
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_01	River	Green/ Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
Brier Creek 0.0 to 4.9	4.9 miles	KY487897_00	River	Green/ Tradewater	Green River	05110006	Muhlenberg	WAH, PCR, SCR	pH
Brush Creek 1.1 to 7.5	6.4 miles	KY510966_00	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130102	Rockcastle	PCR	Fecal Coliform
Butchers Branch 0.3 to 2.4	2.1 miles	KY488498_02	River	Green/ Tradewater	Green River	05140201	Hancock	WAH, PCR, SCR	pH
Butler Fork 2.3 to 4.0	1.7 miles	KY488519_00	River	Green/ Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform

Category 4 A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Cane Branch 0.0 to 2.0	2 miles	KY511181_00	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130103	McCreary	PCR, SCR, WAH	pH
Cane Creek 0.0 to 3.1	3.1 miles	KY511187_00	River	Kentucky	Kentucky River	05100204	Powell	PCR	Fecal Coliform
Cane Creek 0.0 to 9.5	9.5 miles	KY511190_00	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform
Cane Run 0.0 to 4.0	4 miles	KY488786_00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	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	05100101	Fleming	PCR	Fecal Coliform
Catron Creek 0.0 to 8.9	8.9 miles	KY489099_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Central Creek 0.8 to 2.5	1.7 miles	KY489283_01	River	Tenn/ Miss/ Cumberland	Mississippi River	08010201	Carlisle	PCR	Fecal Coliform
Chenoweth Run 0.0 to 5.2	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 2.4 to 3.4	1 miles	KY489590_00	River	Green/ Tradewater	Green River	05110001	Warren	PCR	Fecal Coliform

Category 4 A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Clover Fork 0.0 to 9.2	9.2 miles	KY511423_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 9.2 to 15.5	6.3 miles	KY511426_02	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 15.5 to 18.2	2.7 miles	KY511426_03	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 18.2 to 28.2	10.0 miles	KY511426_04	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 28.2 to 28.9	0.7 miles	KY511426_05	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 28.9 to 33.8	4.9 miles	KY511426_06	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Cloverlick Creek 0.0 to 5.0	5.0 miles	KY511427_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Cooley Creek 0.65 to 2.3	1.65 miles	KY490025_00	River	Tenn/ Miss/ Cumberland	Mississippi River	08010201	Graves	PCR	Fecal Coliform
Copperas Fork 0.0 to 4.23	4.23 miles	KY511533_00	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130104	McCreary	PCR, SCR, WAH	pH
Craborchard Creek 0.0 to 4.6	4.6 miles	KY490247_01	River	Green/ Tradewater	Green River	05110006	Hopkins	WAH, PCR, SCR	pH
Craborchard Creek 4.6 to 7.6	3 miles	KY490247	River	Green/ Tradewater	Green River	05110006	Hopkins	WAH, PCR, SCR	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 0.1 to 5.7	5.6 miles	KY511648_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130102	Rockcastle	PCR	Fecal Coliform
Crooked Creek 5.7 to 12.2	6.5 miles	KY511648_02	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130102	Rockcastle	PCR	Fecal Coliform
Cumberland River 650.6 to 654.5	3.9 miles	KY517018_06	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform

Category 4 A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Cumberland River 683.6 to 694.2	10.6 miles	KY517018_11	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	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	05110006	Hopkins	WAH, PCR, SCR	pH
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
Elijahs Creek 0.0 to 5.2	5.2 miles	KY491627_00	River	Salt/ Licking	Ohio River	05090203	Boone	WAH	Ethylene Glycol
Fleming Creek 0.0 to 12.8	12.8 miles	KY492236_01	River	Salt/ Licking	Licking River	05100101	Fleming	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 16.0 to 20.8	4.8 miles	KY492236_03	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
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
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

Category 4 A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Greasy Creek 0.0 to 3.7	3.7 miles	KY493234_00	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Greasy Creek 3.7 to 11.4	7.7 miles	KY493234_00	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Gunpowder Creek 15.4 to 17.1	1.7 miles	KY493502_02	River	Salt/ Licking	Ohio River	05090203	Boone	WAH	Ethylene Glycol
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
Left Fork Straight Creek 0.0 to 13.1	13.1 miles	KY513326_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Little Barren River 0.0 to 9.8	9.8 miles	KY496604_01	River	Green/ Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_01		Tenn/ Miss/ Cumberland	Ohio River	05140206	McCracken	WAH	PCBs
Logan Run 0.0 to 2.3	2.3 miles	KY496986_00	River	Salt/ Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Looney Creek 0.0 to 5.9	5.9 miles	KY497165_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Lower Cane Creek 0.0 to 4.1	4.1 miles	513680	River	Kentucky	Kentucky River	05100204	Powell	PCR	Fecal Coliform
Martins Fork 0.0 to 11.8	11.8 miles	KY497628_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Middle Fork Cane Creek 0.0 to 2.8	2.8 miles	513936	River	Kentucky	Kentucky River	05100204	Powell	PCR	Fecal Coliform
Mussin Branch 0.0 to 1.7	1.7 miles	KY499140_00	River	Salt/ Licking	Salt River	05140103	Marion	PCR, SCR, 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	05110001	Hardin	PCR	Fecal Coliform

Category 4 A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
North Fork of Kentucky River 0.0 to 1.3	1.3 miles	KY514290_00	River	Kentucky	Kentucky River	05100201	Lee	PCR	Fecal Coliform
North Fork of Kentucky River 1.3 to 2.3	1 miles	KY514290_01	River	Kentucky	Kentucky River	05100201	Lee	PCR	Fecal Coliform
North Fork of Kentucky River 2.3 to 35.6	33.3 miles	KY514290_02	River	Kentucky	Kentucky River	05100201	Lee	PCR	Fecal Coliform
North Fork of Kentucky River 35.6 to 47.2	11.6 miles	KY514290_03	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform
North Fork of Kentucky River 47.2 to 48.2	1 miles	KY514290_04	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform
North Fork of Kentucky River 48.2 to 104.1	55.9 miles	KY514290_04a	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform
North Fork of Kentucky River 104.1 to 105.1	1 miles	KY514290_05	River	Kentucky	Kentucky River	05100201	Perry	PCR	Fecal Coliform
North Fork of Kentucky River 105.1 to 131.0	25.9 miles	KY514290_05a	River	Kentucky	Kentucky River	05100201	Perry	PCR	Fecal Coliform
North Fork of Kentucky River 131.0 to 132.0	1.0 miles	KY514290_06a	River	Kentucky	Kentucky River	05100201	Letcher	PCR	Fecal Coliform
North Fork of Kentucky River 132.0 to 145.5	13.5 miles	KY514290_06a	River	Kentucky	Kentucky River	05100201	Letcher	PCR	Fecal Coliform
North Fork of Kentucky River 145.5 to 147.9	2.4 miles	KY514290_07	River	Kentucky	Kentucky River	05100201	Letcher	PCR	Fecal Coliform
North Fork of Kentucky River 147.9 to 162.0	14.1 miles	KY514290_08	River	Kentucky	Kentucky River	05100201	Letcher	PCR	Fecal Coliform

Category 4 A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
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	05110006	Hopkins	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
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
Poor Fork of Cumberland River 0.0 to 14.9	14.9 miles	KY514707_03	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Poor Fork of Cumberland River 14.9 to 16.3	1.4 miles	KY514707_03	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Poor Fork of Cumberland River 16.3 to 31.8	15.5 miles	KY514707_03	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Poplar Creek 0.0 to 2.9	2.9 miles	KY501096_00	River	Salt/ Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Poplar Grove Branch 0.0 to 3.4	3.4 miles	KY501108_00	River	Green/ Tradewater	Green River	05110001	Taylor	PCR	Fecal Coliform
Puckett Creek 0.0 to 9.9	9.9 miles	KY501413_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform

Category 4 A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
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_03	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Knox	PCR	Fecal Coliform
Richland Creek 6.3 to 11.6	5.3 miles	KY514915_03	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Knox	PCR	Fecal Coliform
Richland Creek 11.6 to 21.5	9.9 miles	KY514915_03	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Knox	PCR	Fecal Coliform
Right Fork Cane Creek 2.2 to 5.2	3.2 miles	514935	River	Kentucky	Kentucky River	05100204	Powell	PCR	Fecal Coliform
Rock Creek 0.0 to 4.3	4.3 miles	KY515024_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130104	McCreary	PCR, SCR, WAH	pH
Russell Creek 40.0 to 42.2	2.2 miles	KY502521_05	River	Green/ Tradewater	Green River	05110001	Adair	PCR, SCR	Fecal Coliform
Ryans Creek 0.0 to 5.3	5.3 miles	KY515156_00	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	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
Sleepy Run 0.0 to 2.8	2.8 miles	KY503678_00	River	Salt/ Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
South Fork Red River 0.0 to 3.9	3.9 miles	KY515547_01	River	Kentucky	Kentucky River	05100204	Powell	WAH	Total Dissolved Solids
South Fork Red River 3.9 to 10.1	6.2 miles	KY515547_02	River	Kentucky	Kentucky River	05100204	Powell	WAH	Total Dissolved Solids
Straight Creek 0.0 to 1.7	1.7 miles	KY515746_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Straight Creek 1.7 to 23.5	21.8 miles	KY515746_02	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Stump Cave Branch 0.0 to 2.4	2.4 miles	KY515765_01	River	Kentucky	Kentucky River	05100204	Powell	WAH	Total Dissolved Solids

Category 4 A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Sugar Creek 0.0 to 5.3	5.3 miles	KY504656_00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	WAH, PCR, SCR	pH
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	05100101	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
UT to Baughman Fork 0.0 to 1.1	1.1 miles	KY486478-2.6_01	River	Kentucky	Kentucky River	05100205	Fayette	WAH	Nutrient/Eutrophication Biological Indicators
UT to Baughman Fork 0.0 to 1.1	1.1 miles	KY486478-2.6_01	River	Kentucky	Kentucky River	05100205	Fayette	WAH	Organic Enrichment (Sewage) Biological Indicators
UT to Fleming Creek 0.0 to 2.1	2.1 miles	KY492236-4.4_00	River	Salt/ Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
UT to Rolling Fork 0.0 to 0.6	0.6 miles	KY502293-94.6_00	River	Salt/ Licking	Salt River	05140103	Marion	PCR, SCR, 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	05110001	Green	WAH	Total Dissolved Solids
Valley Creek 0.0 to 3.6	3.6 miles	KY505940_01	River	Green/ Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
Valley Creek 10.8 to 12.6	1.8 miles	KY505940_03	River	Green/ Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
White Oak Creek 0.0 to 4.2	4.2 miles	KY516318_01	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130104	McCreary	PCR, SCR, WAH	pH
Wildcat Branch 0.0 to 2.1	2.1 miles	KY516359_00	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130103	Pulaski	PCR, SCR, WAH	pH
Wilson Run 0.0 to 5.1	5.1 miles	KY506915_00	River	Salt/ Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform

Category 4 A (Approved TMDLs)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Yocum Creek 0.0 to 6.5	6.5 miles	KY507228_00	River	Tenn/ Miss/ Cumberland	Upper Cumberland	05130101	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 better track assessed segments. Those categories used by the commonwealth are listed in Table 3.2-1. Many waterbody segments had monitored data for only one use assessment, typically aquatic life use.

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 is not supporting use based on evaluated data; does not require a TMDL.

When considering waters for assessment, KDOW solicited data from a variety of entities. This included other government agencies, including state agencies (e.g. Department of Fish & Wildlife) and federal agencies such as COE, F&WS, USGS, and TVA. 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 waterbody.

A number of causes (pollutants) in EPA's 2006 IR guidance were considered pollution rather than pollutants. A waterbody 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 contribute 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 the most 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 listed, which as a pollutant-surrogate, places it on the 303(d) list. In these instances more intensive investigation is needed to determine individual pollutants than the initial biosurvey provided. In this example the waterbody or segment will be assigned to category 5 (303[d] list) with the cause, habitat assessment (streams), included in the list of impairments. 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.

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)

(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

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 waterbody, 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) 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 of nonsupport of the 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; and 13) fish advisory – no restriction, 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 populations 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 data taken 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 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, "cause unknown" is listed, which places the waterbody/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 survey ($1^{st} – 5^{th}$ 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 designated uses of Kentucky waters and the indicators employed to make those use support determinations. Given the comprehensive suite of parameters sampled 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 study

during TMDL development will lead to specific definition of causes and sources. Data were categorized as "monitored" or "evaluated." 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 waterbody 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 5:031). 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 mercury, cadmium, copper, iron, lead and zinc were analyzed for exceedences of acute criteria listed in state water quality standards regulations 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

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*
Supplemental 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 Chemical	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

acute criteria were not exceeded more than once every three years. Data were also compared to chronic criteria. Observations that equaled or were only slightly greater than 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 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 so 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.

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 waterbody. In addition to determining use support level, biomonitoring will identify those Exceptional Waters (401 KAR 5:030) (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).

Table 3.2.1-2. Biological criteria for assessment of warm water 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 or STORET mean.	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 RA of sensitive taxa. Some alterations of functional groups evident.	MBI classification of poor; EPT low, TNI of tolerant taxa very high. Most functional groups missing from community.
Fishes	Index of Biotic Integrity (IBI) excellent or good; presence of rare, 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 abundance; TNI- total number of individuals

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 "use" of

Outstanding State Resource Water, and the loss or significant decline of one of these populations constitutes an impairment of use.

Lakes and Reservoirs. Lakes and reservoirs were assessed for aquatic life 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 – 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 – October. The use fully supported if the fecal coliform bacteria criterion of greater than 400 colonies per 100 mL (greater than 240 colonies per 100 mL for *E. coli*) 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 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

Table 3.2.1-3. Criteria for lake and reservoir use support classification.

ategory	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 >1.00 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
Partially Supporting: (At least one of the Following Criteria)	Methylmercury >0.30 – 1.00 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 <0.30 ppm and PCBs <0.2 ppm	None of the above	None of the above	None of the above

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 AL 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.

Corps of Engineers (COE) Reservoir Projects. Dam projects on major streams in Kentucky were monitored with the cooperation of the COE. During the Interagency Monitoring and Planning Meeting those reservoirs in the BMU of focus were identified and a cooperative effort between KDOW and COE resulted. Reservoir water-quality variables were monitored over the growing season (March – 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 Nashville and Louisville COE districts manage those projects in Upper Cumberland – 4-Rivers BMU and Green – Tradewater BMU, respectively.

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 into these two categories in 1992 because the fish consumption advisory does not preclude attainment of the aquatic life use and vice versa. Separating fish consumption and aquatic life use support gives a clearer picture of actual water quality conditions. Table 3.2.1-1 relates those criteria used to make fish consumption use support decisions, and Table 3.2.1-3 shows 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 (2001a) issued a draft mercury water quality criterion expressed as a methylmercury concentration in fish tissue of 0.30 mg/Kg. Therefore, for purposes of 305(b) reporting, waters were not considered impaired unless fish exhibited methylmercury tissue concentrations of at least 0.30 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 $\leq$ 0.30 mg/Kg
- Impaired: Partial support- "restricted consumption," fish consumption advisory in effect for general population or a subpopulation that potentially could be at a greater cancer risk (e.g. pregnant women, children); highest species concentration > 0.30 mg/Kg – 1.00 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 > 1.00 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, Drinking Water 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 waterbodies 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 waterbody, an appropriate segment or portion of the waterbody representative of the monitored area was determined. Part of this determination was based on the type of monitoring (e.g. physicochemical, biological, bacteriological, fish tissue, or lake/reservoir).

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, these assessment segments are taken downstream and upstream of significant streams entering the monitored stream. 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 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 habitat influences. 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.

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 waterbody.

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