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

Volume II. 303(d) List of Surface Waters





Kentucky Energy and Environment Cabinet Division of Water October 2013

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This report has been approved for release:

Peter Goodmann Acting Director, Division of Water

Jober 2013

Date

TABLE OF CONTENTS

hapter 4. Status of TMDLs under Development Prior to 2	2012
4.1 Kentucky Basin Unit	
4.1.1 Kentucky River Basin	
4.1.1.1 Benson Creek Watershed	
4.1.1.2 Boone Creek Watershed	
4.1.1.3 Cane Run into North Elkhorn Creek	
4.1.1.4 Carr Creek Watershed	
4.1.1.5 Dix River Watershed	
4.1.1.6 Eagle Creek Watershed	
4.1.1.7 Hardwick Creek Watershed	
4.1.1.8 Hickman Creek Watershed	
4.1.1.9 Lower Howard	
4.1.1.10 McConnell Run	
4.1.1.11 Muddy Creek	
4.1.1.12 North Elkhorn Creek	
4.1.1.13 Potter Fork	
4.1.1.14 Salt River	
4.1.1.15 South Elkhorn Creek/Town Branch/Wolf Rur	1
4.1.1.16 Sugar Creek	
4.1.1.17 Swift Camp Creek	
4.1.1.18 Tate Creek	
4.1.1.19 White Oak Creek	
4.2 Salt-Licking Basin Unit	
4.2.1 Licking River Basin	
4.2.1.1 Banklick Creek	
4.2.1.2 Blacks Creek Watershed	
4.2.1.2 Diacks Greek Watershed	ا ا
4.2.1.3 Boone Creek Watershed	
4.2.1.4 Elk Fork Watershed	
4.2.1.5 Fleming Creek Watershed	
4.2.1.6 Hinkston Creek Watershed	
4.2.1.7 Stoner Creek	
4.2.1.8 Threemile Creek	
4.2.2 Ohio River Basin	
4.2.2.1 Gunpowder Creek Watershed	
4.2.2.2 Locust Creek	
4.2.2.3 Snag Creek	
4.2.2.4 Woolper Creek Watershed	
4.2.3 Salt River Basin	
4.2.3.1 Beargrass Creek Watershed	
4.2.3.2 Clear Creek Watershed	
4.2.3.3 Cox Creek	
4.2.3.4 Floyds Fork Watershed	
4.2.3.5 Goose Creek Watershed	
4.2.3.6 Hardins Creek	
4.2.3.7 Northern and Southern Ditch Watershed	
4.2.3.8 Pond Creek Watershed	
1.3 Tennessee-Mississippi-Cumberland Basin Unit	
4.3.1 Lower Cumberland River Basin	1
4.3.1.1 Elk Fork	1
4.3.1.2 Little River Watershed	
4.3.1.3 Pleasant Grove Creek Watershed	

Page

4.3.2 Mississippi River Basin	
4.3.3 Ohio River Basin	21
4.3.3.1 Bayou Creek Watershed	21
4.3.4 Tennessee River Basin	
4.3.4.1 Clarks River Watershed	21
4.3.5 Upper Cumberland River Basin	22
4.3.5.1 Laurel River Watershed	
4.3.5.2 Rockcastle River Watershed	
4.3.5.3 Sinking Creek Watershed	23
4.4 Green-Tradewater Basin Unit	23
4.4.1 Green River Basin	23
4.4.1.1 Bacon Creek	23
4.4.1.2 Buck Creek	23
4.4.1.3 Craborchard Creek	24
4.4.1.4 Cypress Creek Watershed	24
4.4.1.5 Deer Creek Watershed	24
4.4.1.6 Flat Creek	
4.4.1.7 Long Falls Creek Watershed	25
4.4.1.8 Panther Creek Watershed	
4.4.1.9 Pond Creek Watershed	
4.4.1.10 Sputzman Creek	27
4.4.1.11 Valley Creek Watershed	27
4.4.2 Tradewater River Basin	27
4.4.2.1 Caney Creek Watershed	27
4.4.2.2 Clear Creek Watershed	
4.4.2.3 Copper Creek	
4.4.2.4 Hurricane Creek	
4.4.3 Ohio River Basin	29
4.4.3.1 Canoe Creek	29
4.4.3.2 Crooked Creek Watershed	
4.5 Big Sandy-Little Sandy-Tygarts Basin Unit	
4.5.1 Big Sandy River Basin	
4.5.1.1 Elkhorn Creek Watershed	
4.5.1.2 Beaver Creek Watershed	31
4.5.2 Little Sandy River Basin	35
4.5.3 Tygarts Creek Basin	35
4.6 Ohio River Mainstem	35
4.6.1 Ohio River Mainstem	
Chapter 5. Segments Planned for Monitoring During 2012	
5.1 Kentucky Basin Unit	
5.1.1 Kentucky River Basin	
5.2 Salt-Licking Basin Unit	
5.2.1 Licking River Basin	
5.2.2 Ohio River Basin	
5.2.3 Salt River Basin	
5.2.3.1 Sulphur Creek	
5.3 Tennessee-Mississippi-Cumberland Basin Unit	
5.3.1 Lower Cumberland River Basin	
5.3.2 Mississippi River Basin	
5.3.3 Ohio River Basin	
5.3.4 Tennessee River Basin	
5.3.5 Upper Cumberland River Basin	
5.4 Green-Tradewater Basin Unit	
5.4.1 Green River Basin	
5.4.2 Ohio River Basin	
5.4.3 Tradewater River Basin	

5.5 Big Sandy-Little Sandy-Tygarts Basin Unit	38
5.5.1 Big Sandy River Basin	
5.5.2 Little Sandy River Basin	38
5.5.3 Tygarts Creek Basin	38
5.6 Ohio River Mainstem	
Chapter 6. Segments Planned for Monitoring During 2013	39
6.1 Kentucky Basin Unit	
6.1.1 Kentucky River Basin	39
6.2 Salt-Licking Basin Unit	
6.2.1 Licking River Basin	
6.2.2 Salt River Basin	39
6.2.2.1 Sulphur Creek	
6.3 Tennessee-Mississippi-Cumberland Basin Unit	
6.3.1 Lower Cumberland Basin	39
6.3.2 Mississippi River Basin	
6.3.3 Tennessee River Basin	
6.3.4 Upper Cumberland Basin	
6.4 Green-Tradewater Basin Unit	39
6.4.1 Green River Basin	39
6.4.2 Tradewater River Basin	40
6.4.3 Ohio River Basin	40
6.5 Big Sandy-Little Sandy-Tygarts Basin Unit	40
6.5.1 Big Sandy River Basin	
6.5.2 Little Sandy River Basin	
6.5.3 Ohio River Basin	40
6.5.4 Tygarts Creek Basin	
Chapter 7. TMDLs Planned for Public Notice During 2012	41
Chapter 8. TMDLs Planned for Public Notice During 2013	
Chapter 9. The 2012 303(d) List	
Chapter 9. The 2012 303(d) List	47
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs	47 310 314
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings	47 310 314
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers	47 310 314 A-1 A-1
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs	47 310 314 A-1 A-43
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs	47 310 314 A-1 A-1 A-43 A-44
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs	47 310 314 A-1 A-1 A-43 A-44
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers	47 310 314 A-1 A-1 A-43 A-44 B-1 B-1
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative	47 310 314 A-1 A-1 A-43 A-44 B-1 B-1
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Rivers	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Rivers B.4 Ohio River Basin Freshwater Reservoirs	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Freshwater Reservoirs B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Rivers	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Rivers B.4 Ohio River Basin Freshwater Reservoirs	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Freshwater Reservoirs B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Rivers B.6 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Ponds.	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Rivers B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Rivers B.6 Salt River Basin Freshwater Reservoirs	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Freshwater Reservoirs B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Freshwater Reservoirs B.6 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Ponds. Appendix C. Tennessee-Mississippi-Cumberland Basin Unit 303(d) List: Narrative C.1 Lower Cumberland River Basin Rivers	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Freshwater Reservoirs B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Rivers B.6 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Ponds. Appendix C. Tennessee-Mississippi-Cumberland Basin Unit 303(d) List: Narrative	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Freshwater Reservoirs B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Freshwater Reservoirs B.6 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Ponds. Appendix C. Tennessee-Mississippi-Cumberland Basin Unit 303(d) List: Narrative C.1 Lower Cumberland River Basin Rivers	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Freshwater Reservoirs B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Freshwater Reservoirs B.6 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Ponds Appendix C. Tennessee-Mississippi-Cumberland Basin Unit 303(d) List: Narrative C.1 Lower Cumberland River Basin Rivers C.2 Lower Cumberland River Basin Freshwater Reservoirs C.3 Mississippi River Basin Rivers C.4 Ohio River Basin Rivers	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Freshwater Reservoirs B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Freshwater Reservoirs B.6 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs C.1 Lower Cumberland River Basin Rivers C.2 Lower Cumberland River Basin Freshwater Reservoirs C.3 Mississippi River Basin Rivers C.4 Ohio River Basin Rivers C.5 Ohio River Basin Freshwater Reservoirs	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Freshwater Reservoirs B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Freshwater Reservoirs B.6 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs C.1 Lower Cumberland River Basin Rivers C.2 Lower Cumberland River Basin Freshwater Reservoirs C.3 Mississippi River Basin Rivers C.4 Ohio River Basin Rivers C.5 Ohio River Basin Freshwater Reservoirs C.6 Tennessee River Basin Rivers	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Freshwater Reservoirs B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs C.1 Lower Cumberland River Basin Rivers C.2 Lower Cumberland River Basin Freshwater Reservoirs C.3 Mississippi River Basin Rivers C.4 Ohio River Basin Rivers C.5 Ohio River Basin Rivers C.6 Tennessee River Basin Rivers C.7 Upper Cumberland River Basin Rivers C.7 Upper Cumberland River Basin Rivers	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Freshwater Reservoirs B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Freshwater Reservoirs B.6 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs C.1 Lower Cumberland River Basin Rivers C.2 Lower Cumberland River Basin Freshwater Reservoirs C.3 Mississippi River Basin Rivers C.4 Ohio River Basin Rivers C.5 Ohio River Basin Freshwater Reservoirs C.6 Tennessee River Basin Rivers	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Freshwater Reservoirs B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs C.1 Lower Cumberland River Basin Rivers C.2 Lower Cumberland River Basin Freshwater Reservoirs C.3 Mississippi River Basin Rivers C.4 Ohio River Basin Rivers C.5 Ohio River Basin Rivers C.6 Tennessee River Basin Rivers C.7 Upper Cumberland River Basin Rivers C.7 Upper Cumberland River Basin Rivers	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Rivers B.3 Ohio River Basin Freshwater Reservoirs B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Freshwater Reservoirs B.5 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs C.1 Lower Cumberland River Basin Rivers C.2 Lower Cumberland River Basin Rivers C.3 Mississippi River Basin Rivers C.4 Ohio River Basin Rivers C.5 Ohio River Basin Rivers C.6 Tennessee River Basin Rivers C.7 Upper Cumberland River Basin Rivers C.8 Upper Cumberland River Basin Freshwater Reservoirs	
Chapter 9. The 2012 303(d) List Chapter 10. Approved Delistings Chapter 11. EPA Approved TMDLs Appendix A. Kentucky River Basin Unit 303(d) List: Narrative A.1 Kentucky River Basin Rivers A.2 Kentucky River Basin Springs A.3 Kentucky River Basin Freshwater Reservoirs Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative B.1 Licking River Basin Rivers B.2 Licking River Basin Freshwater Reservoirs B.3 Ohio River Basin Rivers B.4 Ohio River Basin Freshwater Reservoirs B.5 Salt River Basin Freshwater Reservoirs B.5 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs B.7 Salt River Basin Freshwater Reservoirs C.1 Lower Cumberland River Basin Rivers C.2 Lower Cumberland River Basin Freshwater Reservoirs C.3 Mississippi River Basin Rivers C.4 Ohio River Basin Rivers C.5 Ohio River Basin Rivers C.6 Tennessee River Basin Rivers C.7 Upper Cumberland River Basin Rivers C.8 Upper Cumberland River Basin Rivers C.8 Upper Cumberland River Basin Initers C.9 Mistis D. Green/Tradewater Basin Unit 303(d) List: Narrative	

D.4 Ohio River Basin Rivers	D-43
D.5 Ohio River Basin Freshwater Reservoirs	D-49
D.6 Tradewater River Basin Rivers	D-50
Appendix E. Big Sandy/Little Sandy/Tygarts Basin Unit 303(d) List: Narrative	E-1
E.1 Big Sandy River Basin Rivers	
E.2 Big Sandy River Basin Freshwater Reservoirs	E-42
E.3 Little Sandy River Basin Rivers	E-43
E.4 Little Sandy River Basin Freshwater Reservoirs	E-50
E.5 Ohio River Basin Rivers	E-51
E.6 Tygarts Creek Basin Rivers	E-52
Appendix F. Ohio River Mainstem 303(d) List: Narrative	
F.1 Ohio River Mainstem	F-1

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

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

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

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

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

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

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

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

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

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

Chapter 4. Status of TMDLs under Development Prior to 2012

4.1 Kentucky Basin Unit

4.1.1 Kentucky River Basin

4.1.1.1 Benson Creek Watershed

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

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

4.1.1.2 Boone Creek Watershed

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

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

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

4.1.1.3 Cane Run into North Elkhorn Creek

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

4.1.1.4 Carr Creek Watershed

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

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

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

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

4.1.1.5 Dix River Watershed

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

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

4.1.1.6 Eagle Creek Watershed

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

4.1.1.7 Hardwick Creek Watershed

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

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

4.1.1.8 Hickman Creek Watershed

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

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

4.1.1.9 Lower Howard

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

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

4.1.1.10 McConnell Run

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

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

4.1.1.11 Muddy Creek

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

KDOW completed monitoring in 2011.

4.1.1.12 North Elkhorn Creek

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

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

4.1.1.13 Potter Fork

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

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

4.1.1.14 Salt River

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

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

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

4.1.1.15 South Elkhorn Creek/Town Branch/Wolf Run

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

4.1.1.16 Sugar Creek

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

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

4.1.1.17 Swift Camp Creek

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

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

4.1.1.18 Tate Creek

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

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

4.1.1.19 White Oak Creek

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

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

4.2 Salt-Licking Basin Unit

4.2.1 Licking River Basin

4.2.1.1 Banklick Creek

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

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

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

4.2.1.2 Blacks Creek Watershed

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

4.2.1.3 Boone Creek Watershed

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

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

4.2.1.4 Elk Fork Watershed

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

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

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

4.2.1.5 Fleming Creek Watershed

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

4.2.1.6 Hinkston Creek Watershed

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

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

4.2.1.7 Stoner Creek

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

Stream Name	County	River Miles	Pollutant
	county		Nutrient/Eutrophication
Hoods Creek into Strodes Creek	Clark	0.0 to 6.3	Biological Indicators
Hoods Creek into Strodes Creek	Clark	0.0 to 6.3	Specific Conductance
Houston Creek into Stoner Creek	Bourbon	0.0 to 9.0	Fecal Coliform
	Douison	0.0 10 0.0	Nutrient/Eutrophication
Houston Creek into Stoner Creek	Bourbon	9.0 to 12.7	Biological Indicators
Johnson Creek into Strodes Creek	Clark	0.0 to 0.9	Fecal Coliform
			Nutrient/Eutrophication
Johnson Creek into Strodes Creek	Clark	0.0 to 0.9	Biological Indicators
Johnson Creek into Strodes Creek	Clark	0.0 to 0.9	Specific Conductance
Kennedy Creek into Stoner Creek	Bourbon	0.0 to 5.7	E. coli
Little Stoner Creek into Stoner Creek	Clark	0.0 to 5.3	Fecal Coliform
Pretty Run into Strodes Creek	Clark	0.0 to 8.0	Cause Unknown
Stoner Creek into South Fork Licking R.	Bourbon	0.0 to 5.55	E. coli
Stoner Creek into South Fork Licking R.	Bourbon	5.55 to 15.0	E. coli
Stoner Creek into South Fork Licking R.	Bourbon	17.3 to 30.1	E. coli
Stoner Creek into South Fork Licking R.	Bourbon	35.7 to 45.1	E. coli
Strodes Creek into Stoner Creek	Bourbon	2.7 to 7.9	Fecal Coliform; <i>E. coli</i>
			Nutrient/Eutrophication
Strodes Creek into Stoner Creek	Bourbon	2.7 to 7.9	Biological Indicators
			Organic Enrichment (Sewage)
Strodes Creek into Stoner Creek	Bourbon	2.7 to 7.9	Biological Indicators
Strodes Creek into Stoner Creek	Bourbon	2.7 to 7.9	Sedimentation/Siltation
Strodes Creek into Stoner Creek	Bourbon	7.9 to 19.3	Fecal Coliform; <i>E. coli</i>
			Nutrient/Eutrophication
Strodes Creek into Stoner Creek	Bourbon	7.9 to 19.3	Biological Indicators
	D. d. a	701.400	Organic Enrichment (Sewage)
Strodes Creek into Stoner Creek	Bourbon	7.9 to 19.3	Biological Indicators
Strodes Creek into Stoner Creek	Bourbon	7.9 to 19.3	Sedimentation/Siltation
Strodes Creek into Stoner Creek	Bourbon	7.9 to 19.3	Specific Conductance
Strodes Creek into Stoner Creek	Clark	19.3 to 26.4	Fecal Coliform; <i>E. coli</i>
			Nutrient/Eutrophication
Strodes Creek into Stoner Creek	Clark	19.3 to 26.4	Biological Indicators
		10.01.00.4	Organic Enrichment (Sewage)
Strodes Creek into Stoner Creek	Clark	19.3 to 26.4	Biological Indicators
UT of Cooper Run into Cooper Run	Bourbon	0.0 to 3.8	E. coli
UT of Cooper Run into Cooper Run	Bourbon	0.0 to 1.0	E. coli
UT of Cooper Run into Cooper Run	Bourbon	0.0 to 3.05	E. coli
			Nutrient/Eutrophication
UT of Cooper Run into Cooper Run	Bourbon	0.0 to 3.05	Biological Indicators
UT of Flat Run into Flat Run	Bourbon	0.0 to 2.1	E. coli
LIT of Elet Dup into Elet Dup	Dourban	0.0 to 0.1	Nutrient/Eutrophication
UT of Flat Run into Flat Run UT to Hancock Cr. into Hancock Cr.	Bourbon Clark	0.0 to 2.1 0.0 to 3.72	Biological Indicators Fecal Coliform
UT to Hancock Cr. into Hancock Cr.	Clark	0.0 to 3.72	Specific Conductance
UT of Strodes Creek into Strodes Creek	Clark	0.0 to 3.7	Cause Unknown
UT of Strodes Creek into Strodes Creek	Clark	0.0 to 3.7	Fecal Coliform; <i>E. coli</i>
			Nutrient/Eutrophication
UT of Strodes Creek into Strodes Creek	Clark	0.0 to 3.7	Biological Indicators

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

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

4.2.1.8 Threemile Creek

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

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

4.2.2 Ohio River Basin

4.2.2.1 Gunpowder Creek Watershed

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

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

4.2.2.2 Locust Creek

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

KDOW completed monitoring in 2006.

4.2.2.3 Snag Creek

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

KDOW completed monitoring in 2006.

4.2.2.4 Woolper Creek Watershed

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

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

4.2.3 Salt River Basin

4.2.3.1 Beargrass Creek Watershed

Stream Name	County	River Miles	Pollutant
Beargrass Creek into Ohio River	Jefferson		Organic Enrichment (Sewage) Biological Indicators
Middle Fk. Beargrass Cr. into Beargrass Cr.	Jefferson		Organic Enrichment (Sewage) Biological Indicators
South Fork Beargrass Creek into Beargrass Cr.	Jefferson		Organic Enrichment (Sewage) Biological Indicators
South Fork Beargrass Creek into Beargrass Cr.	Jefferson		Organic Enrichment (Sewage) Biological Indicators

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

4.2.3.2 Clear Creek Watershed

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

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

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

4.2.3.3 Cox Creek

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

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

4.2.3.4 Floyds Fork Watershed

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

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

4.2.3.5 Goose Creek Watershed

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

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

4.2.3.6 Hardins Creek

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

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

4.2.3.7 Northern and Southern Ditch Watershed

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

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

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

4.2.3.8 Pond Creek Watershed

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

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

4.3 Tennessee-Mississippi-Cumberland Basin Unit

4.3.1 Lower Cumberland River Basin

4.3.1.1 Elk Fork

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

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

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

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

4.3.1.3 Pleasant Grove Creek Watershed

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

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

4.3.2 Mississippi River Basin

No TMDLs currently under development.

4.3.3 Ohio River Basin

4.3.3.1 Bayou Creek Watershed

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

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

4.3.4 Tennessee River Basin

4.3.4.1 Clarks River Watershed

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

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

4.3.5 Upper Cumberland River Basin

4.3.5.1 Laurel River Watershed

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

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

4.3.5.2 Rockcastle River Watershed

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

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

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

4.3.5.3 Sinking Creek Watershed

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

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

4.4 Green-Tradewater Basin Unit

4.4.1 Green River Basin

4.4.1.1 Bacon Creek

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

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

4.4.1.2 Buck Creek

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

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

4.4.1.3 Craborchard Creek

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

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

4.4.1.4 Cypress Creek Watershed

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

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

4.4.1.5 Deer Creek Watershed

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

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

4.4.1.6 Flat Creek

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

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

4.4.1.7 Long Falls Creek Watershed

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

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

4.4.1.8 Panther Creek Watershed

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

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

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

4.4.1.9 Pond Creek Watershed

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

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

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

4.4.1.10 Sputzman Creek

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

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

4.4.1.11 Valley Creek Watershed

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

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

4.4.2 Tradewater River Basin

4.4.2.1 Caney Creek Watershed

Stream Name	County	River Miles	Pollutant
Caney Creek into Tradewater River	Hopkins	0.0 to 8.2	рН
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	рН
Fox Run into Caney Creek	Hopkins	0.0 to 1.1	Total Dissolved Solids
Fox Run into Caney Creek	Hopkins	0.0 to 1.1	Specific Conductance
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Specific Conductance
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	Total Dissolved Solids
Copperas Creek into Caney Creek	Hopkins	0.0 to 3.6	рН
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	рН

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

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

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

4.4.2.2 Clear Creek Watershed

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

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

4.4.2.3 Copper Creek

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

4.4.2.4 Hurricane Creek

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

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

4.4.3 Ohio River Basin

4.4.3.1 Canoe Creek

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

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

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

4.4.3.2 Crooked Creek Watershed

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

4.5 Big Sandy-Little Sandy-Tygarts Basin Unit

4.5.1 Big Sandy River Basin

4.5.1.1 Elkhorn Creek Watershed

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

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

4.5.1.2 Beaver Creek Watershed

Stream Name	County	River Miles	Pollutant
			Nutrient/ Eutrophication Biological
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Indicators
			Organic Enrichment (Sewage)
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Biological Indicators
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Sedimentation/Siltation
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Specific Conductance
Arkansas Creek into Beaver Creek	Floyd	0.0 to 3.6	Total Dissolved Solids
			Nutrient/ Eutrophication Biological
Arnold Fk into R. Fk. Beaver Cr.	Knott	0.0 to 2.6	Indicators
Arnold Fk into R. Fk. Beaver Cr.	Knott	0.0 to 2.6	Sedimentation/Siltation
Arnold Fk into R. Fk. Beaver Cr.	Knott	0.0 to 2.6	Specific Conductance
Arnold Fk into R. Fk. Beaver Cr.	Knott	0.0 to 2.6	Total Dissolved Solids
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Iron
			Nitrate/Nitrite (Nitrite + Nitrate as
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	N)
		0.04.7.1	Nutrient/ Eutrophication Biological
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Indicators
Desurer Oresh into Lavies Fault	Flourd	0.0 += 7.1	Organic Enrichment (Sewage)
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Biological Indicators
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Sedimentation/Siltation
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Specific Conductance
Beaver Creek into Levisa Fork	Floyd	0.0 to 7.1	Total Suspended Solids (TSS)
Pill D. Pr. into P. Ek. Poovor Cr.	Knott	0.0 to 1.1	Nutrient/ Eutrophication Biological Indicators
Bill D Br. into R. Fk. Beaver Cr. Bill D Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.1 0.0 to 1.1	Sedimentation/Siltation
Bill D Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.1	Specific Conductance
Bill D Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.1	Total Dissolved Solids
Bill D Br. into R. Fk. Beaver Cr.	Knott	1.1 to 2.9	Specific Conductance
Bill D Br. into R. Fk. Beaver Cr.	Knott	1.1 to 2.9	Total Dissolved Solids
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Iron
Buck Branch Into Deaver Oreek	1 loyu	0.0 10 2.0	Nutrient/ Eutrophication Biological
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Indicators
	1 loya	0.0 10 2.0	Organic Enrichment (Sewage)
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Biological Indicators
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Sedimentation/Siltation
Buck Branch into Beaver Creek	Floyd	0.0 to 2.8	Specific Conductance
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Iron
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Nitrogen (Total)
			Nutrient/ Eutrophication Biological
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Indicators
			Organic Enrichment (Sewage)
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Biological Indicators
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Phosphorus (Total)
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Sedimentation/Siltation
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Specific Conductance
Caleb Fork into Left Fork Beaver Cr.	Floyd	0.0 to 1.2	Total Dissolved Solids
			Nutrient/ Eutrophication Biological
Caney Fork into Right Fork Beaver Cr.	Knott	0.0 to 7.5	Indicators
Caney Fork into Right Fork Beaver Cr.	Knott	0.0 to 7.5	Specific Conductance
Caney Fork into Right Fork Beaver Cr.	Knott	0.0 to 7.5	Total Dissolved Solids
Caney Fork into Right Fork Beaver Cr.	Knott	7.5 to 11.3	Specific Conductance
Caney Fork into Right Fork Beaver C.	Knott	7.5 to 11.3	Total Dissolved Solids

Stream Name	County	River Miles	Pollutant
Clear Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.9	Nitrogen (Total)
Clear Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.9	Phosphorus (Total)
Clear Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.9	Sedimentation/Siltation
Clear Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.9	Specific Conductance
Clear Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.9	Total Dissolved Solids
Dry Cr. into R. Fk. Beaver Cr.	Knott	0.0 to 4.0	Sedimentation/Siltation
Dry Cr. into R. Fk. Beaver Cr.	Knott	0.0 to 4.0	Specific Conductance
Dry Cr. into R. Fk. Beaver Cr.	Knott	0.0 to 4.0	Total Dissolved Solids
Frasure Creek into Left Fork Beaver Cr.	Floyd	0.0 to 5.2	Iron
Frasure Creek into Left Fork Beaver Cr.	Floyd	0.0 to 5.2	Nutrient/ Eutrophication Biological Indicators
Frasure Creek into Left Fork Beaver Cr.	Floyd	0.0 to 5.2	Organic Enrichment (Sewage) Biological Indicators
Frasure Creek into Left Fork Beaver Cr.	Floyd	0.0 to 5.2	Sedimentation/Siltation
Frasure Creek into Left Fork Beaver Cr.	Floyd	0.0 to 5.2	Specific Conductance
Frasure Creek into Left Fork Beaver Cr.	Floyd	0.0 to 5.2	Total Dissolved Solids
Goose Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.2	Sedimentation/Siltation
Goose Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.2	Specific Conductance
Goose Cr. into R. Fk. Beaver Cr.	Floyd	0.0 to 2.2	Total Dissolved Solids
Jacks Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.4	Nutrient/ Eutrophication Biological Indicators
Jacks Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.4	Sedimentation/Siltation
Jacks Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.4	Specific Conductance
Jacks Creek into Left Fork Beaver Cr.	Floyd	0.0 to 4.4	Total Dissolved Solids
Johns Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 1.6	Sedimentation/Siltation
Johns Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 1.6	Specific Conductance
Johns Br. into R. Fk. Beaver Cr.	Floyd	0.0 to 1.6	Total Dissolved Solids
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Iron
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Nitrogen (Total)
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Phosphorus (Total)
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Sedimentation/Siltation
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Specific Conductance
Jones Fk. into R. Fk. Beaver Cr.	Knott	0.0 to 9.9	Total Dissolved Solids
Left Fork Beaver Creek into Beaver Cr.	Floyd	0.0 to 11.4	Iron
Left Fork Beaver Creek into Beaver Cr.	Floyd	0.0 to 11.4	Sedimentation/Siltation
Left Fork Beaver Creek into Beaver Cr.	Floyd	0.0 to 11.4	Specific Conductance
Left Fork Beaver Creek into Beaver Cr.	Floyd	0.0 to 11.4	Total Dissolved Solids
Left Fork Beaver Creek into Beaver Cr.	Floyd	11.4 to 13.55	Specific Conductance
Left Fork Beaver Creek into Beaver Cr.	Floyd	13.55 to 18.7	Nutrient/ Eutrophication Biological Indicators
Left Fork Beaver Creek into Beaver Cr.	Floyd	13.55 to 18.7	Sedimentation/Siltation
Left Fork Beaver Creek into Beaver Cr.	Floyd	13.55 to 18.7	Specific Conductance
Left Fork Beaver Creek into Beaver Cr.	Floyd	18.7 to 28.6	Nutrient/ Eutrophication Biological Indicators
Left Fork Beaver Creek into Beaver Cr.	Floyd	18.7 to 28.6	Specific Conductance
	i ioyu	10.7 10 20.0	
Left Fork Beaver Crook into Beaver			
Left Fork Beaver Creek into Beaver	Floyd	18 7 to 28 6	Total Dissolved Solids
Left Fork Beaver Creek into Beaver Creek Otter Creek into Left Fork Beaver Cr.	Floyd Floyd	18.7 to 28.6 0.0 to 0.5	Total Dissolved Solids Ammonia (un-ionized)

Stream Name	County	River Miles	Pollutant
Otream Marie	County		Nutrient/ Eutrophication Biological
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Indicators
Oller Oreck mild Left Fork Deaver Of.	1 loya	0.0 10 0.0	Organic Enrichment (Sewage)
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Biological Indicators
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Phosphorus (Total)
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Sedimentation/Siltation
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Specific Conductance
Otter Creek into Left Fork Beaver Cr.	Floyd	0.0 to 0.5	Total Dissolved Solids
Olici Olicik into Ecit i olik Beaver oli.	1 loya	0.0 10 0.0	Nutrient/ Eutrophication Biological
Puncheon Br. into R. Fk. Beaver Cr.	Knott	0.0 to 3.6	Indicators
			Organic Enrichment (Sewage)
Puncheon Br. into R. Fk. Beaver Cr.	Knott	0.0 to 3.6	Biological Indicators
Puncheon Br. into R. Fk. Beaver Cr.	Knott	0.0 to 3.6	Specific Conductance
Puncheon Br. into R. Fk. Beaver Cr.	Knott	0.0 to 3.6	Total Dissolved Solids
			Nutrient/ Eutrophication Biological
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	Indicators
	- / -		Organic Enrichment (Sewage)
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	Biological Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	Hq
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	Sedimentation/Siltation
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	Specific Conductance
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	0.0 to 17.4	Total Dissolved Solids
	y		Nutrient/ Eutrophication Biological
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	17.4 to 23.3	Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	17.4 to 23.3	Specific Conductance
Right Fk. Beaver Cr. into Beaver Cr.	Floyd	17.4 to 23.3	Total Dissolved Solids
<u> </u>			Nutrient/ Eutrophication Biological
Right Fk. Beaver Cr. into Beaver Cr.	Knott	23.3 to 30.3	Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Knott	23.3 to 30.3	Specific Conductance
Right Fk. Beaver Cr. into Beaver Cr.	Knott	23.3 to 30.3	Total Dissolved Solids
			Nutrient/ Eutrophication Biological
Right Fk. Beaver Cr. into Beaver Cr.	Knott	30.3 to 33.4	Indicators
			Organic Enrichment (Sewage)
Right Fk. Beaver Cr. into Beaver Cr.	Knott	30.3 to 33.4	Biological Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Knott	30.3 to 33.4	Sedimentation/Siltation
Right Fk. Beaver Cr. into Beaver Cr.	Knott	30.3 to 33.4	Specific Conductance
Right Fk. Beaver Cr. into Beaver Cr.	Knott	30.3 to 33.4	Total Dissolved Solids
			Nutrient/ Eutrophication Biological
Right Fk. Beaver Cr. into Beaver Cr.	Knott	33.4 to 37.9	Indicators
Right Fk. Beaver Cr. into Beaver Cr.	Knott	33.4 to 37.9	Specific Conductance
Right Fk. Beaver Cr. into Beaver Cr.	Knott	33.4 to 37.9	Total Dissolved Solids
Righthand Fork into Bill D Br.	Knott	0.0 to 2.0	Specific Conductance
Righthand Fork into Bill D Br.	Knott	0.0 to 2.0	Total Dissolved Solids
			Nutrient/ Eutrophication Biological
Rock Fk. into R Fk. Beaver Cr.	Floyd	0.0 to 7.0	Indicators
Rock Fk. into R Fk. Beaver Cr.	Floyd	0.0 to 7.0	Sedimentation/Siltation
Rock Fk. into R Fk. Beaver Cr.	Floyd	0.0 to 7.0	Specific Conductance
Rock Fk. into R Fk. Beaver Cr.	Floyd	0.0 to 7.0	Total Dissolved Solids
			Nutrient/Eutrophication Biological
Salisbury Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.8	Indicators
Salisbury Br. into R. Fk. Beaver Cr.	Knott	0.0 to 1.8	Sedimentation/Siltation

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

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

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

4.5.2 Little Sandy River Basin

No TMDLs currently under development.

4.5.3 Tygarts Creek Basin

No TMDLs currently under development.

4.6 Ohio River Mainstem

4.6.1 Ohio River Mainstem

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

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

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

Chapter 5. Segments Planned for Monitoring During 2012

5.1 Kentucky Basin Unit

5.1.1 Kentucky River Basin

No TMDL monitoring planned for 2012.

5.2 Salt-Licking Basin Unit

5.2.1 Licking River Basin

No TMDL monitoring planned for 2012.

5.2.2 Ohio River Basin

No TMDL monitoring planned for 2012.

5.2.3 Salt River Basin

5.2.3.1 Sulphur Creek

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

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

5.3 Tennessee-Mississippi-Cumberland Basin Unit

5.3.1 Lower Cumberland River Basin

No TMDL monitoring planned for 2012.

5.3.2 Mississippi River Basin

No TMDL monitoring planned for 2012.

5.3.3 Ohio River Basin

No TMDL monitoring planned for 2012.

5.3.4 Tennessee River Basin

No TMDL monitoring planned for 2012.

5.3.5 Upper Cumberland River Basin

No TMDL monitoring planned for 2012.

5.4 Green-Tradewater Basin Unit

5.4.1 Green River Basin

No TMDL monitoring planned for 2012.

5.4.2 Ohio River Basin

No TMDL monitoring planned for 2012.

5.4.3 Tradewater River Basin

No TMDL monitoring planned for 2012.

5.5 Big Sandy-Little Sandy-Tygarts Basin Unit

5.5.1 Big Sandy River Basin

No TMDL monitoring planned for 2012.

5.5.2 Little Sandy River Basin

No TMDL monitoring planned for 2012.

5.5.3 Tygarts Creek Basin

No TMDL monitoring planned for 2012.

5.6 Ohio River Mainstem

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

Chapter 6. Segments Planned for Monitoring During 2013

6.1 Kentucky Basin Unit

6.1.1 Kentucky River Basin

No TMDL monitoring in 2013.

6.2 Salt-Licking Basin Unit

6.2.1 Licking River Basin

No TMDL monitoring planned for 2013.

6.2.2 Salt River Basin

6.2.2.1 Sulphur Creek

Stream Name	County	River Miles	Pollutant
Sulphur Creek into Chaplin River	Anderson	0.0 to 10.0	E. coli
Cheese Lick into Sulphur Creek	Anderson	0.7 to 4.4	Sedimentation/Siltation
Chappe Liek into Sulphur Crook	Andoraon	0.7 to 1.1	Nutrient/ Eutrophication Biological
Cheese Lick into Sulphur Creek	Anderson	0.7 to 4.4	Indicators

6.3 Tennessee-Mississippi-Cumberland Basin Unit

6.3.1 Lower Cumberland Basin

6.3.1.1 Claylick Creek

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

6.3.2 Mississippi River Basin

No TMDL monitoring planned for 2013.

6.3.3 Tennessee River Basin

No TMDL monitoring planned for 2013.

6.3.4 Upper Cumberland Basin

No TMDL monitoring planned for 2013.

6.4 Green-Tradewater Basin Unit

6.4.1 Green River Basin

No TMDL monitoring planned for 2013.

6.4.2 Tradewater River Basin

No TMDL monitoring planned for 2013.

6.4.3 Ohio River Basin

No TMDL monitoring planned for 2013.

6.5 Big Sandy-Little Sandy-Tygarts Basin Unit

6.5.1 Big Sandy River Basin No TMDL monitoring planned for 2013.

6.5.2 Little Sandy River Basin No TMDL monitoring planned for 2013.

6.5.3 Ohio River Basin

No TMDL monitoring planned for 2013.

6.5.4 Tygarts Creek Basin

No TMDL monitoring planned for 2013.

Chapter	7. TMDLS Plan	hea for Public	Notice During 2012	
Stream Name	River Miles	County	Pollutant	Quarter
South Elkhorn Creek	5.05 to 16.6	Fayette	Fecal Coliform	1st
South Elkhorn Creek	16.6 to 34.5	Woodford	Fecal Coliform	1st
South Elkhorn Creek	34.5 to 52.7	Fayette	Fecal Coliform	1st
Steeles Run	0.0 to 5.1	Fayette	Fecal Coliform	1st
Town Branch	0.0 to 9.2	Fayette	Fecal Coliform	1st
Town Branch	9.2 to 10.8	Fayette	Fecal Coliform	1st
Town Branch	10.8 to 12.1	Fayette	Fecal Coliform	1st
Wolf Run	0.0 to 4.4	Fayette	Fecal Coliform	1st
Cane Run	0.0 to 3.0	Scott	Fecal Coliform	4th
Cane Run	3.0 to 9.6	Scott	Fecal Coliform	4th
Cane Run	9.6 to 17.4	Fayette	Fecal Coliform	4th
UT to Cane Run at RM 6.13	0.0 to 3.5	Scott	Fecal Coliform	4th
UT to Cane Run at RM 10.8	0.0 to 2.4	Scott	Fecal Coliform	4th
UT to Cane Run at RM 12.9	0.0 to 2.1	Scott	Fecal Coliform	4th
Ashers Run	0.0 to 4.8	Oldham	Fecal Coliform, <i>E. coli</i>	4th
Cane Run	0.0 to 7.3	Jefferson	E. coli	4th
Cedar Creek	4.3 to 11.1	Jefferson	Fecal Coliform, <i>E. coli</i>	4th
Cedar Creek Chenoweth Run		Jefferson	Fecal Coliform, <i>E. coli</i>	4th
Chenoweth Run	0.0 to 5.25 5.25 to 9.2	Jefferson	Fecal Coliform, <i>E. coli</i>	4th
Currys Fork	0.0 to 4.8	Oldham	E. coli	4th
Floyds Fork	0.0 to 11.7	Bullitt	E. coli	4th
Floyds Fork	11.7 to 24.2	Jefferson	E. coli	4th
Floyds Fork	24.2 to 34.1	Jefferson	E. coli	4th
Floyds Fork	34.1 to 61.9	Shelby	Fecal Coliform, <i>E. coli</i>	4th
Long Run	0.0 to 9.9	Jefferson	E. coli	4th
North Fork Currys Fork	0.0 to 6.0	Oldham	E. coli	4th
Pennsylvania Run	0.0 to 3.3	Jefferson	Fecal Coliform, E. coli	4th
Pope Lick Creek	0.0 to 2.1	Jefferson	E. coli	4th
Pope Lick Creek	2.1 to 5.5	Jefferson	E. coli	4th
Pope Lick Creek	2.1 to 5.5	Jefferson	E. coli	4th
South Fork Currys Fork	0.0 to 6.1	Oldham	E. coli	4th
South Long Run	0.0 to 3.35	Jefferson	E. coli	4th
UT of South Fork Currys Fork	0.0 to 1.8	Oldham	E. coli	4th
Little Laurel River	0.0 to 8.4	Laurel	E. coli	3rd
Little Laurel River	8.4 to 12.7	Laurel	E. coli	3rd
Little Laurel River	14.8 to 23.0	Laurel	E. coli	3rd
	26.35 to			
Laurel River	33.95	Laurel	E. coli	3rd
Lick Creek	0.0 to 3.65	Laurel	E. coli	3rd
Sallys Branch	0.0 to 2.9	Laurel	E. coli	3rd
Sampson Branch	0.0 to 4.7	Laurel	E. coli	3rd
UT of Little Laurel River	0.0 to 1.4	Laurel	E. coli	3rd

Chapter 7. TMDLs Planned for Public Notice During 2012

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

TMDLs Planned for Public Notice during 2013

Chapter 8. TMDLs Planned for Public Notice During 2013											
Stream Name	River Miles	County	Pollutant	Quarter							
North Elkhorn Creek	66.0 to 73.75	Fayette	E. coli	1st							
David Fork	0.0 to 1.65	Fayette	E. coli	1st							
UT to North Elkhorn Creek	0.0 to 3.5	Fayette	E. coli	1st							
Brush Fork	0.0 to 4.4	McLean	рН	1st							
Crooked Creek	0.0 to 3.0	Daviess	Fecal Coliform	1st							
Deserter Creek	0.0 to 3.1	Daviess	Fecal Coliform	1st							
Knoblick Creek	0.0 to 2.1	Daviess	Fecal Coliform	1st							
Long Falls	0.0 to 7.6	McLean	Fecal Coliform	1st							
Long Falls	7.6 to 11.9	McLean	Fecal Coliform	1st							
Long Falls	7.6 to 11.9	McLean	pН	1st							
North Fork Panther Creek	4.2 to 9.1	Daviess	Fecal Coliform	1st							
Panther Creek	3.0 to 5.9	Daviess	Fecal Coliform	1st							
South Fork Panther Creek	0.0 to 2.4	Daviess	Copper	1st							
South Fork Panther Creek	0.0 to 2.4	Daviess	Fecal Coliform	1st							
South Fork Panther Creek	9.55 to 14.0	Daviess	Fecal Coliform	1st							
South Fork Panther Creek	14.0 to 18.3	Daviess	Fecal Coliform	1st							
Bayou Creek	0.0 to 11.4	McCracken	Copper	2nd							
Bayou Creek	0.0 to 11.4	McCracken	Lead	2nd							
Little Bayou Creek	0.0 to 7.2	McCracken	Copper	2nd							
Little Bayou Creek	0.0 to 7.2	McCracken	Lead	2nd							
*			Nutrient/ Eutrophication								
Brooks Run	0.0 to 2.7	Bullitt	Biological Indicators	2nd							
			Organic Enrichment (Sewage) Biological								
Brooks Run	0.0 to 2.7	Bullitt	Indicators	2nd							
			Nutrient/ Eutrophication								
Brooks Run	2.7 to 4.4	Bullitt	Biological Indicators	2nd							
			Organic Enrichment								
Brooks Run	2.7 to 4.4	Bullitt	(Sewage) Biological Indicators	2nd							
	2.7 10 1.1	Damit	Nutrient/ Eutrophication	LIIG							
Brooks Run	4.4 to 6.4	Bullitt	Biological Indicators	2nd							
			Organic Enrichment								
Brooks Run	4.4 to 6.4	Bullitt	(Sewage) Biological Indicators	2nd							
BIOOKS HUII	4.4 10 0.4	Dumiti	Nutrient/ Eutrophication	2110							
Floyds Fork	11.7 to 24.2	Jefferson	Biological Indicators	2nd							
			Nutrient/ Eutrophication								
Floyds Fork	34.1 to 61.9	Jefferson	Biological Indicators	2nd							
UT to Brooks Run	0.0 to 2.0	Bullitt	Nutrient/ Eutrophication Biological Indicators	2nd							
	0.0 10 2.0	Dunitt	Organic Enrichment								
			(Sewage) Biological								
UT to Brooks Run	0.0 to 2.0	Bullitt	Indicators	2nd							
Canoe Creek	2.4 to 5.0	Henderson	Fecal Coliform	2nd							
Ohio River 319.4 to 317.4	319.7 to 317.6	Boyd	E. coli	2nd							

Chapter 8. TMDLs Planned for Public Notice During 2013

Stream Name	River Miles	County	Pollutant	Quarter
	341.2 to	Boyd,		
Ohio River 340.8 to 319.4	319.7	Greenup	E. coli	2nd
	377.7 to	Greenup,		
Ohio River 377.7 to 356.6	356.8	Lewis	E. coli	2nd
	388.0 to	201110		2.10
Ohio River 388.0 to 382.2	382.2	Lewis	E. coli	2nd
	464.8 to	201110	2.00	2.10
Ohio River 465.2 to 464.5	463.1	Campbell	E. coli	2nd
	470.6 to	Campbell,	2.00	2.10
Ohio River 471.4 to 469.4	469.0	Kenton	E. coli	2nd
	474.6 to	Ronton	2.00	2110
Ohio River 475.1 to 471.4	470.6	Kenton	E. coli	2nd
	477.0 to	Kenton,	2.00//	2110
Ohio River 477.5 to 475.1	474.6	Boone	E. coli	2nd
	487.6 to	Doone	2.00//	2110
Ohio River 488.2 to 477.5	477.0	Boone	E. coli	2nd
	594.5 to	Doone	2.00//	2110
Ohio River 595.8 to 593.4	592.1	Jefferson	E. coli	2nd
011011101 000.0 10 000.4	604.5 to	0011013011	2.001	2110
Ohio River 605.8 to 603.1	601.9	Jefferson	E. coli	2nd
Onio Their 003.8 to 003.1	607.1 to	Jellerson	L. COII	2110
Ohio River 608.7 to 605.8	604.5	Jefferson	E. coli	2nd
Onio River 608.7 to 603.8	611.4 to	Jellerson	L. COII	2110
Ohio River 614.0 to 608.7	607.1	Jefferson	E. coli	2nd
Onio River 014.0 to 008.7	007.1	Jefferson,	E. COII	2110
	674.8 to	Hardin,		
Ohio River 676.8 to 614.0	611.4	Meade	E. coli	2nd
Onio River 676.6 to 614.0	011.4	Meade,	E. COII	2110
	718.1 to	Breckinridge		
Obio Divor 720 9 to 676 9	674.8	, Hancock	E. coli	2nd
Ohio River 720.8 to 676.8	733.8 to	, Hancock	E. COII	2110
Ohio River 736.7 to 720.8	733.8 10	Hancock	E. coli	2nd
Onio River 730.7 to 720.8	752.9 to	Hancock,	E. COII	2110
Obio Divor ZEC 2 to Z2C Z	733.8	· ·		Ond
Ohio River 756.3 to 736.7		Daviess	E. coli	2nd
Ohio Diver 700 C to 750 0	757.0 to	Daviasa		Qrad
Ohio River 760.6 to 756.3	752.9	Daviess	E. coli	2nd
Ohio Diver 770 0 to 700 0	772.3 to	Daviess,		Qrad
Ohio River 776.0 to 760.6	757.0	Henderson	E. coli	2nd
Ohio Diver 700 0 to 770 0	785.6 to			Qrad
Ohio River 789.3 to 776.0	772.3	Henderson	E. coli	2nd
	789.3 to			0.1
Ohio River 793.2 to 792.1	788.4	Henderson	E. coli	2nd
Ohia Diver 705 7 to 700 0	791.9 to			Quad
Ohio River 795.7 to 793.2	789.3	Henderson	E. coli	2nd
Ohio Diver 700 044 705 7	794.85 to			Orest
Ohio River 799.8 to 795.7	791.9	Henderson	E. coli	2nd
	798.9 to	l law de c		
Ohio River 802.9 to 799.8	794.85	Henderson	E. coli	2nd
	816.2 to			
Ohio River 820.1 to 802.9	798.4	Henderson	E. coli	2nd
	822.5 to			
Ohio River 826.4 to 820.1	816.2	Henderson	E. coli	2nd

Stream Name	River Miles	County	Pollutant	Quarter
	842.1 to	Henderson,		
Ohio River 846.3 to 826.4	822.5	Union	E. coli	2nd
	845.6 to			
Ohio River 849.7 to 846.3	842.1	Union	E. coli	2nd
Ohio Diver 957 C to 959 4	853.3 to	Linian		Qrad
Ohio River 857.6 to 853.4	849.4 868.3 to	Union	E. coli	2nd
Ohio River 872.8 to 862.1	857.8	Union	E. coli	2nd
	877.9 to	Onion	2.001	210
Ohio River 882.9 to 878.2	873.25	Crittenden	E. coli	2nd
	904.85 to			
Ohio River 910.3 to 894.6	889.45	Livingston	E. coli	2nd
	919.9 to			
Ohio River 925.8 to 920.5	915.0	Livingston	E. coli	2nd
Caney Creek	0.0 to 8.2 0.0 to 2.7	Hopkins	pH	3rd 3rd
Copper Creek Copper Creek	0.0 to 2.7	Hopkins Hopkins	Iron pH	3rd 3rd
Copper Creek	0.0 to 2.7	Hopkins	Zinc	3rd 3rd
Copperas Creek	0.0 to 3.6	Hopkins	Cadmium	3rd
Copperas Creek	0.0 to 3.6	Hopkins	Iron	3rd
Copperas Creek	0.0 to 3.6	Hopkins	pH	3rd
Copperas Creek	0.0 to 3.6	Hopkins	Nickel	3rd
Copperas Creek	0.0 to 3.6	Hopkins	Zinc	3rd
Fox Run	0.0 to 1.1	Hopkins	рН	3rd
Hurricane Creek	0.0 to 1.8	Hopkins	Iron	3rd
Hurricane Creek	0.0 to 1.8	Hopkins	Zinc	3rd
Hurricane Creek	0.0 to 1.8 0.0 to 0.9	Hopkins	pH Cadmium	3rd 3rd
UT to Copperas Creek UT to Copperas Creek	0.0 to 0.9	Hopkins Hopkins	Iron	3rd
• •				
UT to Copperas Creek	0.0 to 0.9	Hopkins	рН	3rd
UT to Copperas Creek	0.0 to 0.9	Hopkins	Zinc	3rd
UT to Hurricane Creek	0.0 to 0.2	Hopkins	Iron	3rd
UT to Hurricane Creek	0.0 to 0.2	Hopkins	Zinc	3rd
UT to Hurricane Creek	0.0 to 0.2	Hopkins	рН	3rd
Cooper Run	0.0 to 10.15	Bourbon	E. coli	3rd
Flat Run	0.0 to 2.2	Bourbon	E. coli	3rd
Flat Run	2.2 to 9.05	Bourbon	E. coli	3rd
Hoods Creek	0.0 to 6.3	Clark	Fecal Coliform	3rd
Houston Creek	0.0 to 9.0	Bourbon	Fecal Coliform	3rd
Johnson Creek	0.0 to 0.9	Clark	Fecal Coliform	3rd
Kennedy Creek	0.0 to 5.7	Bourbon	E. coli	3rd
Little Stoner Creek	0.0 to 5.3	Clark	Fecal Coliform	3rd
Stoner Creek Stoner Creek Stoner Creek Stoner Creek	0.0 to 5.55 5.55 to 15.0 17.3 to 30.1 35.7 to 45.1	Bourbon Bourbon Bourbon Bourbon	E. coli E. coli E. coli E. coli	3rd 3rd 3rd 3rd 3rd

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

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

Chapter 9	. The 2012	303(d) List
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Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Abbott Creek 0.0 to 3.2	3.2 miles	KY485720_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nitrogen (Total)	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Abbott Creek 0.0 to 3.2	3.2 miles	KY485720_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Abbott Creek 0.0 to 3.2	3.2 miles	KY485720_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Abbott Creek 0.0 to 3.2	3.2 miles	KY485720_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Oxygen, Dissolved	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Abbott Creek 0.0 to 3.2	3.2 miles	KY485720_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Turbidity	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Acorn Fork 0.0 to 1.9	1.9 miles	KY510210_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Chloride	Petroleum/Natural Gas Activities
Acorn Fork 0.0 to 1.9	1.9 miles	KY510210_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/ Siltation	Highway/Road/ Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities
Acorn Fork 0.0 to 1.9	1.9 miles	KY510210_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
Adams Fork 0.0 to 4.6	4.6 miles	KY485774_ 01	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Cause Unknown	Source Unknown
Alexandria Park Lake	6.1 acres	KY0062_00	Fresh- water Reser- voir	Salt/Licking	Ohio River	05090201	Campbell	5-PS	FC	Mercury in Fish Tissue	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Allcorn Creek 0.7 to 3.2	2.5 miles	KY485841_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat
Allcorn Creek 0.7 to 3.2	2.5 miles	KY485841_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Temperature, Water	Loss of Riparian Habitat
Allen Creek 0.0 to 4.15	4.15 miles	KY485867_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-NS	WAH	Cause Unknown	Loss of Riparian Habitat
Allen Fork 2.0 to 4.6	2.6 miles	KY485869_ 00	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Unspecified Urban Stormwater
Allen Fork 2.0 to 4.6	2.6 miles	KY485869_ 00	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Unspecified Urban Stormwater
Allison Creek 0.0 to 4.95	4.95 miles	KY485886_ 01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Animal Feeding Operations (NPS)
Allison Creek 0.0 to 4.95	4.95 miles	KY485886_ 01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Animal Feeding Operations (NPS)
Alum Cave Branch 1.7 to 3.60	1.9 miles	KY510181_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Jackson	5-NS	WAH	Cause Unknown	Loss of Riparian Habitat
Angle Creek 0.0 to 0.8	0.8 miles	KY485958_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	PCR	Fecal Coliform	Source Unknown
Angle Creek 0.0 to 0.8 Arkansas	0.8 miles	KY485958_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Cause Unknown Nutrient/ Eutrophication	Source Unknown On-site Treatment Systems (Septic Systems
Creek 0.0 to 3.6	3.6 miles	KY486027_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Biological Indicators	and Similar Decentralized Systems)

Waterbody &	Total	Waterbody	Water		- (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Habitat Modification - Other than Hydromodification
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Arkansas Creek 0.0 to 3.6	3.6 miles	KY486027_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Arnold Fork 0.0 to 2.6	2.6 miles	KY486053_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Inappropriate Waste Disposal
Arnold Fork 0.0 to 2.6	2.6 miles	KY486053_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Petroleum/Natural Gas Activities
Arnold Fork 0.0 to 2.6	2.6 miles	KY486053_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Arnold Fork 0.0 to 2.6	2.6 miles	KY486053_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Arnolds Creek 0.0 to 10.8	10.8 miles	KY486059_ 00	River	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Streambank Modifications/ Destabilization
Ashers Run 0.0 to 4.8	4.8 miles	KY486088_ 01	River	Salt/Licking	Salt River	05140102	Oldham	5-NS	PCR	Escherichia coli	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Ashers Run 0.0 to 4.8	4.8 miles	KY486088_ 01	River	Salt/Licking	Salt River	05140102	Oldham	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Austin Creek 2.6 to 3.6	1 miles	KY486150_ 02	River	Green/ Tradewater	Green River	05110003	Logan	5-PS	WAH	Cause Unknown	Industrial Point Source Discharge
Backs Branch 0.0 to 0.9	0.9 miles	KY486191_ 01	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing
Bacon Creek 17.2 to 27.1	9.9 miles	KY486197_ 02	River	Green/ Tradewater	Green River	05110001	Hart	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production
Bailey Run 0.0 to 2.9	2.9 miles	KY486229_ 01	River	Kentucky	Kentucky River	05100205	Anderson	5-PS	WAH	Sedimentation/ Siltation	Post-development Erosion and Sedimentation; Source Unknown; Unspecified Urban Stormwater Source Unknown;
Bailey Run 0.0 to 2.9	2.9 miles	KY486229_ 01	River	Kentucky	Kentucky River	05100205	Anderson	5-PS	WAH	Total Dissolved Solids	Unspecified Urban Stormwater
Balls Fork 8.3 to 11.3	3 miles	KY486305_ 00	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing; Non-irrigated Crop Production; Post- development Erosion and Sedimentation; Surface Mining
Balls Fork 8.3 to 11.3	3 miles	KY486305_ 00	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Surface Mining
Bandy Branch 0.0 to 1.4	1.4 miles	KY486311_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Non-Point Source
Banjo Branch 0.0 to 1.5	1.5 miles	KY486313_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Non- Point Source
Banklick Creek 0.0 to 3.45	3.45 miles	KY486315_ 01	River	Salt/Licking	Licking River	05100101	Kenton	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges; Unspecified Urban Stormwater

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Banklick Creek 0.0 to 3.45	3.45 miles	KY486315_ 01	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Urban Runoff/Storm Sewers
Banklick Creek 0.0 to 3.45	3.45 miles	KY486315_ 01	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Banklick Creek 0.0 to 3.45	3.45 miles	KY486315_ 01	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers
Banklick Creek 3.45 to 8.2	4.7 miles	KY486315_ 02	River	Salt/Licking	Licking River	05100101	Kenton	5-NS	PCR	Fecal Coliform	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Banklick Creek 3.45 to 8.2	4.7 miles	KY486315_ 02	River	Salt/Licking	Licking River	05100101	Kenton	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Banklick Creek 3.45 to 8.2	4.7 miles	KY486315_ 02	River	Salt/Licking	Licking River	05100101	Kenton	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Banklick Creek 3.45 to 8.2	4.7 miles	KY486315_ 02	River	Salt/Licking	Licking River	05100101	Kenton	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Banklick Creek 8.2 to 19.2	11 miles	KY486315_ 03	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	PCR	Fecal Coliform	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Banklick Creek 8.2 to 19.2	11 miles	KY486315_ 03	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture

Waterbody &	Total Size	Waterbody ID	Water	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate-	Use	Impoirmont	Suspected Source(s)
Segment Banklick Creek 8.2 to 19.2	11 miles	KY486315_ 03	Type River	Watershed Salt/Licking	Licking River	05100101	County	gory 5-PS	WAH	Impairment Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bark Camp Creek 0.1 to 3.8	3.7 miles	KY510394_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	САН	Cause Unknown	Source Unknown
Bark Camp Creek 0.1 to 3.8	3.7 miles	KY510394_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	САН	Sedimentation/ Siltation	Source Unknown
Barnetts Creek 0.0 to 1.6	1.6 miles	KY486411_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Petroleum/Natural Gas Activities; Surface Mining
Barren River 104.9 to 119.4	14.5 miles	KY517526_ 06	River	Green/ Tradewater	Green River	05110002	Allen	5-NS	PCR	Fecal Coliform	Source Unknown
Barren River 104.9 to 119.4	14.5 miles	KY517526_ 06	River	Green/ Tradewater	Green River	05110002	Allen	5-NS	SCR	Fecal Coliform	Source Unknown
Barrett Creek 0.0 to 7.2	7.2 miles	KY486436_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Site Clearance (Land Development or Redevelopment)
Bat East Creek 3.4 to 7.5	4.1 miles	KY486462_ 02	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Cause Unknown	Agriculture; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Bat East Creek 3.4 to 7.5	4.1 miles	KY486462_ 02	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Bat East Creek 0.0 to 3.3	3.3 miles	KY486462_ 01	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Bat East Creek 0.0 to 3.3	3.3 miles	KY486462_ 01	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Bayou Creek 0.0 to 11.4	11.4 miles	KY486491_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Beta Particles and Photon Emitters	Inappropriate Waste Disposal; Industrial Point Source Discharge
Bayou Creek 0.0 to 11.4	11.4 miles	KY486491_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Copper	Inappropriate Waste Disposal; Industrial Point Source Discharge
Bayou Creek 0.0 to 11.4	11.4 miles	KY486491_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Gross Alpha	Inappropriate Waste Disposal; Industrial Point Source Discharge
Bayou Creek 0.0 to 11.4	11.4 miles	KY486491_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Lead	Inappropriate Waste Disposal; Industrial Point Source Discharge
Bayou Creek 0.0 to 11.4	11.4 miles	KY486491_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Mercury	Inappropriate Waste Disposal; Industrial Point Source Discharge
Bayou Creek 0.0 to 11.4	11.4 miles	KY486491_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Bayou Creek 0.0 to 11.4	11.4 miles	KY486491_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Bayou Creek 0.0 to 18.9	18.9 miles	KY510435_ 00	River	Green/ Tradewater	Ohio River	05140203	Livingston	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Bayou Creek 0.0 to 18.9	18.9 miles	KY510435_ 00	River	Green/ Tradewater	Ohio River	05140203	Livingston	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Bayou Creek 0.0 to 18.9	18.9 miles	KY510435_ 00	River	Green/ Tradewater	Ohio River	05140203	Livingston	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Bayou de Chien 0.0 to 4.2	4.2 miles	KY486489_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Fulton	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_ 02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Copper	Municipal Point Source Discharges
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_ 02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Iron	Municipal Point Source Discharges
Bayou de Chien 8.8 to 14.3	5.5 miles	KY486489_ 02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Lead	Municipal Point Source Discharges
Bays Fork of Barren River 6.2 to 15.5	9.3 miles	KY486497_ 01	River	Green/ Tradewater	Green River	05110002	Allen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Bays Fork of Barren River 6.2 to 15.5	9.3 miles	KY486497_ 01	River	Green/ Tradewater	Green River	05110002	Allen	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat
Bays Fork of Barren River 6.2 to 15.5	9.3 miles	KY486497_ 01	River	Green/ Tradewater	Green River	05110002	Allen	5-PS	WAH	Specific Conductance	Municipal Point Source Discharges
Beals Run 0.0 to 1.9	1.9 miles	KY486507_ 01	River	Kentucky	Kentucky River	05100205	Woodford	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Beals Run 0.0 to 1.9	1.9 miles	KY486507_ 01	River	Kentucky	Kentucky River	05100205	Woodford	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Livestock (Grazing or Feeding Operations)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Beals Run 0.0 to 1.9	1.9 miles	KY486507_ 01	River	Kentucky	Kentucky River	05100205	Woodford	5-NS	WAH	Sedimentation/ Siltation	Highways, Roads, Bridges, Infrastructure (New Construction); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)
Bear Creek 0.0 to 2.0	2 miles	KY486557_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	PCR	Fecal Coliform	Animal Feeding Operations (NPS); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bear Creek 0.6 to 1.6	1 miles	KY486552_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	5-PS	PCR	Fecal Coliform	Municipal Point Source Discharges
Bear Creek 0.6 to 1.6	1 miles	KY486552_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	5-PS	WAH	Ammonia (Un- ionized)	Municipal Point Source Discharges
Bear Creek 0.6 to 1.6	1 miles	KY486552_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Bear Creek 14.7 to 22.4	7.7 miles	KY486554_ 02	River	Green/ Tradewater	Green River	05110001	Edmonson	5-NS	WAH	Cause Unknown	Source Unknown
Bear Creek 22.4 to 30.6	8.2 miles	KY486554_ 03	River	Green/ Tradewater	Green River	05110001	Grayson	5-PS	WAH	Cause Unknown	Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Bear Creek 4.0 to 7.2	3.2 miles	KY486553_ 02	River	Tenn/Miss/ Cumberland	Tennessee River	06040005	Marshall	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit	Questa	Cate-		lana sina sa t	
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Bear Run 1.6 to 1.9	0.3 miles	KY486575_ 00	River	Green/ Tradewater	Ohio River	05140201	Breckinridge	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing; Silviculture Harvesting
Bear Run 1.6 to 1.9	0.3 miles	KY486575_ 00	River	Green/ Tradewater	Ohio River	05140201	Breckinridge	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Silviculture Harvesting
Beargrass Creek 0.5 to 1.8	1.3 miles	KY486584_ 01	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers
Beargrass Creek 0.5 to 1.8	1.3 miles	KY486584_ 01	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Iron	Coal Mining
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal (Urbanized High Density Area); Unspecified Domestic Waste

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Beaver Creek 0.0 to 7.1	7.1 miles	KY486610_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Suspended Solids (TSS)	Coal Mining; Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste
Beaver Creek 10.0 to 14.4	4.4 miles	KY510489_ 00	River	Salt/Licking	Licking River	05100101	Menifee	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing; Non-irrigated Crop Production
Beaver Creek 17.7 to 35.5	17.8 miles	KY510488_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Wayne	5-PS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
Beaver Creek 8.5 to 15.5	7 miles	KY486609_ 01	River	Green/ Tradewater	Green River	05110002	Barren	5-NS	PCR	Fecal Coliform	Source Unknown
Beaver Creek 17.4 to 17.7	0.3 miles	KY510488_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Wayne	5-PS	WAH	Cause Unknown	Source Unknown

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Beaver Creek 17.4 to 17.7	0.3 miles	KY510488_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Wayne	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Beaver Creek 17.4 to 17.7	0.3 miles	KY510488_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Wayne	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Beaver Creek Lake	148 acres	KY486624_ 00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140103	Anderson	5-PS	FC	(Methly)mercury	Unknown
Beaver Creek Lake	148 acres	KY486624_ 00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140103	Anderson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Littoral/Shore Area Modifications (Non- riverine); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Beaver Creek Lake	148 acres	KY486624_ 00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140103	Anderson	5-NS	WAH	Oxygen, Dissolved	Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia; Littoral/Shore Area Modifications (Non- riverine); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Becks Creek 0.0 to 4.0	4 miles	KY510492_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	PCR; SCR; WAH	рН	Surface Mining
Becks Creek 0.0 to 4.0	4 miles	KY510492_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Cause Unknown	Surface Mining

Waterbody &	Total	Waterbody	Water		– (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Becks Creek 0.0 to 4.0	4 miles	KY510492_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Sedimentation/ Siltation Nutrient/	Surface Mining
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-NS	WAH	Eutrophication Biological Indicators	Municipal Point Source Discharges
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Bee Creek 0.0 to 0.7	0.7 miles	KY486666_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-NS	WAH	Sedimentation/ Siltation	Source Unknown
Beech Creek 4.6 to 19.6	15 miles	KY486700_ 01	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	PCR	Fecal Coliform	Source Unknown
Beech Creek 4.6 to 19.6	15 miles	KY486700_ 01	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	SCR	Fecal Coliform	Source Unknown
Beech Fork 39.5 to 50.4	10.9 miles	KY486703_ 02	River	Salt/Licking	Salt River	05140103	Nelson	5-NS	PCR	Escherichia coli	Agriculture
Beech Fork 39.5 to 50.4	10.9 miles	KY486703_ 02	River	Salt/Licking	Salt River	05140103	Nelson	5-NS	WAH	Iron	Source Unknown
BeeLick Creek 7.5 to 10.9	3.4 miles	KY486678_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Lincoln	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
BeeLick Creek 7.5 to 10.9	3.4 miles	KY486678_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Lincoln	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat
Bell Ditch 0.0 to 2.8	2.8 miles	KY486792_ 01	River	Green/ Tradewater	Ohio River	05140201	Daviess	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat
Bell Ditch 0.0 to 2.8	2.8 miles	KY486792_ 01	River	Green/ Tradewater	Ohio River	05140201	Daviess	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2	3.2 miles	KY486865_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Source Unknown
Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2	3.2 miles	KY486865_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Total Suspended Solids (TSS)	Source Unknown
Bens Fork 0.0 to 2.2	2.2 miles	KY486872_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Specific Conductance	Coal Mining
Bens Fork 0.0 to 2.2	2.2 miles	KY486872_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Total Dissolved Solids	Coal Mining
Benson Creek 0.0 to 4.6	4.6 miles	KY486877_ 01	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Habitat Modification - Other than Hydromodification

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Benson Creek 4.6 to 6.7	2.1 miles	KY486877_ 02	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Benson Creek 4.6 to 6.7	2.1 miles	KY486877_ 02	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)
Benson Creek 6.7 to 13.4	6.7 miles	KY486877_ 03	River	Kentucky	Kentucky River	05100205	Franklin	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Benson Creek 6.7 to 13.4	6.7 miles	KY486877_ 03	River	Kentucky	Kentucky River	05100205	Franklin	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)
Big Brush Creek 0.0 to 5.0	5 miles	KY487146_ 01	River	Green/ Tradewater	Green River	05110001	Green	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Streambank Modifications/ Destabilization
Big Caney Creek 0.3 to 8.0	7.7 miles	KY487150_ 00	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Big Caney Creek 0.3 to 8.0	7.7 miles	KY487150_ 00	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
Big Caney Creek 0.3 to 8.0	7.7 miles	KY487150_ 00	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Big Clifty Creek 4.7 to 6.7	2 miles	KY487156_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	WAH	Cause Unknown	Municipal Point Source Discharges
Big Creek 0.0 to 1.9	1.9 miles	KY487161_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Big Creek 10.6 to 15.1	4.5 miles	KY487161_ 03	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Big Creek 10.6 to 15.1	4.5 miles	KY487161_ 03	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Big Creek 10.6 to 15.1	4.5 miles	KY487161_ 03	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining
Big Creek 10.6 to 15.1	4.5 miles	KY487161_ 03	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Specific Conductance	Surface Mining

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Big Creek 10.6 to 15.1	4.5 miles	KY487161_ 03	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Total Dissolved Solids	Coal Mining; Surface Mining
Big Creek 3.9 to 9.2	5.3 miles	KY487159_ 01	River	Green/ Tradewater	Green River	05110001	Adair	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification
Big Creek 7.3 to 10.6	3.3 miles	KY487161_ 02	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Coal Mining; Loss of Riparian Habitat; Non- Point Source
Big Creek 7.3 to 10.6	3.3 miles	KY487161_ 02	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Surface Mining
Big Creek 7.3 to 10.6	3.3 miles	KY487161_ 02	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Surface Mining
Big Creek 7.3 to 10.6	3.3 miles	KY487161_ 02	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Specific Conductance	Channelization; Coal Mining; Loss of Riparian Habitat
Big Creek 7.3 to 10.6	3.3 miles	KY487161_ 02	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Total Dissolved Solids	Coal Mining; Surface Mining
Big Half Mountain Creek 0.0 to 4.0	4 miles	KY487182_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Coal Mining; Loss of Riparian Habitat; Rural (Residential Areas)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Big Half Mountain Creek 0.0 to 4.0	4 miles	KY487182_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Specific Conductance	Coal Mining; Mountaintop Mining; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Urban Runoff/Storm Sewers
Big Indian Creek 0.0 to 5.6	5.6 miles	KY487197_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)
Big Mine Creek 1.4 to 3.9	2.5 miles	KY487221_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Magoffin	5-PS	PCR; SCR; WAH	рН	Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining
Big Mine Creek 1.4 to 3.9	2.5 miles	KY487221_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Magoffin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Inappropriate Waste Disposal
Big Mine Creek 1.4 to 3.9	2.5 miles	KY487221_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Magoffin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Inappropriate Waste Disposal
Big Mine Creek	2.5 miles	KY487221_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining
Big Mine Creek 5.8 to 8.4	2.6 miles	KY487221_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing
Big Pitman Creek 27.5 to 32.6	5.1 miles	KY487227_ 04	River	Green/ Tradewater	Green River	05110001	Taylor	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Big Pitman Creek 27.5 to 32.6	5.1 miles	KY487227_ 04	River	Green/ Tradewater	Green River	05110001	Taylor	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Big Reedy Creek 7.8 to 12.5	4.7 miles	KY487231_ 01	River	Green/ Tradewater	Green River	05110001	Edmonson	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification
Big Renox Creek 0.0 to 5.8	5.8 miles	KY487232_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Cause Unknown	Source Unknown
Big Sandy River 0.0 to 27.1	27.1 miles	KY487249_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Habitat Modification - Other than Hydromodification
Big South Fork 2.1 to 4.1	2 miles	KY487259_ 01	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Big South Fork 2.1 to 4.1	2 miles	KY487259_ 01	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Sedimentation/ Siltation	Silviculture Activities; Site Clearance (Land Development or Redevelopment)
Big South Fork 0.0 to 12.65	12.65 miles	KY487258_ 01	River	Salt/Licking	Salt River	05140103	Marion	5-PS	PCR	Fecal Coliform	Agriculture; Package Plant or Other Permitted Small Flows Discharges
Big Sugar Creek 0.7 to 2.0	1.3 miles	KY487280_ 01	River	Salt/Licking	Ohio River	05090203	Gallatin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Big Sugar Creek 0.7 to 2.0	1.3 miles	KY487280_ 01	River	Salt/Licking	Ohio River	05090203	Gallatin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land)
Big Sugar Creek 0.7 to 2.0	1.3 miles	KY487280_ 01	River	Salt/Licking	Ohio River	05090203	Gallatin	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Site Clearance (Land Development or Redevelopment)
Big Twin Creek 0.0 to 3.8	3.8 miles	KY487286_ 00	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Big Willard Creek 0.0 to 4.5	4.5 miles	KY510708_ 00	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Big Willard Creek 0.0 to 4.5	4.5 miles	KY510708_ 00	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
Big Willard Creek 0.0 to 4.5	4.5 miles	KY510708_ 00	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Bill D Branch 0.0 to 1.1	1.1 miles	KY487299_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bill D Branch 0.0 to 1.1	1.1 miles	KY487299_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Post- development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries
Bill D Branch 0.0 to 1.1	1.1 miles	KY487299_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Bill D Branch 0.0 to 1.1	1.1 miles	KY487299_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Bill D Branch 1.1 to 2.9	1.8 miles	KY487299_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Bill D Branch 1.1 to 2.9	1.8 miles	KY487299_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_ 01	River	Green/ Tradewater	Green River	05110001	Hardin	5-PS	WAH	Cause Unknown	Source Unknown
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_ 01	River	Green/ Tradewater	Green River	05110001	Hardin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Industrial Point Source Discharge; Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Billy Creek 0.0 to 4.8	4.8 miles	KY487317_ 01	River	Green/ Tradewater	Green River	05110001	Hardin	5-PS	WAH	Sedimentation/ Siltation Nutrient/	Agriculture; Crop Production (Crop Land or Dry Land); Managed Pasture Grazing; Streambank Modifications/ Destabilization; Urban Runoff/Storm Sewers Animal Feeding
Bishop Ditch 0.0 to 2.7	2.7 miles	KY487347_ 00	River	Green/ Tradewater	Tradewater	05140205	Webster	5-NS	WAH	Eutrophication Biological Indicators	Operations (NPS); Non- irrigated Crop Production; Surface Mining
Bishop Ditch 0.0 to 2.7	2.7 miles	KY487347_ 00	River	Green/ Tradewater	Tradewater	05140205	Webster	5-NS	WAH	Sedimentation/ Siltation	Animal Feeding Operations (NPS); Non- irrigated Crop Production; Surface Mining
Bishop Ditch 0.0 to 2.7	2.7 miles	KY487347_ 00	River	Green/ Tradewater	Tradewater	05140205	Webster	5-NS	WAH	Turbidity	Animal Feeding Operations (NPS); Non- irrigated Crop Production; Surface Mining
Black John Branch 0.0 to 0.4	0.4 miles	KY487369_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Selenium	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Black John Branch 0.0 to 0.4	0.4 miles	KY487369_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Black John Branch 0.0 to 0.4	0.4 miles	KY487369_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Black Snake Branch 1.6 to 2.9	1.3 miles	KY487389_ 01	River	Green/ Tradewater	Green River	05110001	Taylor	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Blackford Creek 0.0 to 3.8 Blackford	3.8 miles	KY487412_ 01	River	Green/ Tradewater	Ohio River	05140201	Hancock	5-NS	PCR	Fecal Coliform	Source Unknown
Creek 3.8 to 8.1	4.3 miles	KY487412_ 02	River	Green/ Tradewater	Ohio River	05140201	Hancock	5-PS	WAH	Cause Unknown	Source Unknown

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Blacks Creek 0.0 to 5.7	5.7 miles	KY487421_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Non-Point Source; Unrestricted Cattle Access
Blacks Creek 0.0 to 5.7	5.7 miles	KY487421_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
Blacks Creek 0.0 to 5.7	5.7 miles	KY487421_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations)
Blackwater Creek 3.9 to 11.8	7.9 miles	KY510765_ 01	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown
Blaine Creek 35.0 to 39.8	4.8 miles	KY487428_ 02	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	PCR	Escherichia coli	Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Blaine Creek 35.0 to 39.8	4.8 miles	KY487428_ 02	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Blaine Creek 35.0 to 39.8	4.8 miles	KY487428_ 02	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges
Blaine Creek 35.0 to 39.8	4.8 miles	KY487428_ 02	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Blaine Creek 35.0 to 39.8	4.8 miles	KY487428_ 02	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Total Suspended Solids (TSS)	Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Blaine Creek 40.9 to 45.3	4.4 miles	KY487428_ 03	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	PCR; SCR; WAH	рН	Surface Mining
Blaine Creek 40.9 to 45.3	4.4 miles	KY487428_ 03	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat
Blaine Creek 40.9 to 45.3	4.4 miles	KY487428_ 03	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat
Blaine Creek 40.9 to 45.3	4.4 miles	KY487428_ 03	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Surface Mining
Blaine Creek 8.2 to 17.6	9.4 miles	KY487428_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
											Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source; Post-development Erosion and Sedimentation;
Blaine Creek 8.2 to 17.6	9.4 miles	KY487428_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Sedimentation/ Siltation	Streambank Modifications/ Destabilization

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Blaine Creek 8.2 to 17.6	9.4 miles	KY487428_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Total Suspended Solids (TSS)	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source; Post-development Erosion and Sedimentation; Streambank Modifications/ Destabilization
Blair Branch 0.0 to 0.7	0.7 miles	KY487435_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Blair Branch 0.0 to 0.7 Blair Branch 0.0 to 0.7	0.7 miles 0.7 miles	KY487435_ 01 KY487435_ 01	River	Kentucky	Kentucky River Kentucky River	05100201	Knott	5-NS 5-NS	WAH WAH	Specific Conductance Total Dissolved Solids	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Blizzard Ponds Drainage Canal 0.0 to 3.7	3.7 miles	KY487484_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Rural (Residential Areas); Sand/Gravel/Rock Mining or Quarries
Blizzard Ponds Drainage Canal 0.0 to 3.7	3.7 miles	KY487484_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Sedimentation/ Siltation	Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries
Blue Spring Ditch 0.0 to 2.1	2.1 miles	KY504133_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Board Branch 0.5 to 1.8	1.3 miles	KY487572_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-NS	PCR; SCR; WAH	pН	Impacts from Abandoned Mine Lands (Inactive)
Boltz Lake	92 acres	KY487648_ 01	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Unspecified Urban Stormwater
Boltz Lake	92 acres	KY487648_ 01	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Oxygen, Dissolved	Agriculture; Unspecified Urban Stormwater
Boone Creek 0.0 to 5.2	5.2 miles	KY487686_ 00	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
Boone Creek 0.0 to 5.2	5.2 miles	KY487686_ 00	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Boone Creek 0.0 to 5.2	5.2 miles	KY487686_ 00	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations)
Boone Creek 7.4 to 12.6	5.2 miles	KY487688_ 02	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Boone Creek 7.4 to 12.6	5.2 miles	KY487688_ 02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Boone Creek 5.2 to 9.1	3.9 miles	KY487686_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Livestock (Grazing or Feeding Operations); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unrestricted Cattle Access
Boone Creek 5.2 to 9.1	3.9 miles	KY487686_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Cause Unknown	Source Unknown

Waterbody & Segment	Total Size	Waterbody	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
			туре	Watershed		1100	County	gory	036		
Bowen Creek 0.0 to 1.6	1.6 miles	KY510866_ 01	River	Kentucky	Kentucky River	05100203	Leslie	5-PS	WAH	Cause Unknown	Source Unknown
Bracken Creek 2.8 to 11.0	8.2 miles	KY487783_ 01	River	Salt/Licking	Ohio River	05090201	Bracken	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones
Brashears Creek 0.0 to 13.0	13 miles	KY487840_ 01	River	Salt/Licking	Salt River	05140102	Spencer	5-PS	PCR	Escherichia coli	Agriculture; Non-Point Source
Breeding Creek 0.9 to 4.2	3.3 miles	KY487857_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Breeding Branch 0.9 to 4.2	3.3 miles	KY487857_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Breeding Creek 0.9 to 4.2	3.3 miles	KY487857_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Briary Creek 0.0 to 4.4	4.4 miles	KY487880_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	WAH	Sedimentation/ Siltation	Dredge Mining; Non- irrigated Crop Production; Other Recreational Pollution Sources
Briery Branch 0.2 to 2.2	2 miles	KY487905_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Rural (Residential Areas)
											Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Rural (Residential Areas); Unspecified Urban
Broadtree Fork 0.0 to 1.6	1.6 miles	KY487936_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Stormwater; Urban Runoff/Storm Sewers

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Broke Leg Creek 0.0 to 1.0	1 miles	KY510936_ 01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Cause Unknown	Source Unknown
Broke Leg Creek 1.0 to 4.4	3.4 miles	KY510936_ 02	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/ Parkland; Upstream Source
Brooks Run 0.0 to 2.7	2.5 miles	KY487968_ 01	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Brooks Run 0.0 to 2.7	2.5 miles	KY487968_ 01	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Brooks Run 2.7 to 4.4	1.6 miles	KY487968_ 02	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Brooks Run 2.7 to 4.4	1.6 miles	KY487968_ 02	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Brooks Run 4.4 to 6.4	2 miles	KY487968_ 03	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges
Brooks Run 4.4 to 6.4	2 miles	KY487968_ 03	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges
Brush Creek 0.0 to 2.35	2.35 miles	KY488069_ 01	River	Salt/Licking	Ohio River	05090201	Campbell	5-NS	PCR	Escherichia coli	Non-Point Source

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Brush Creek 0.0 to 3.5	3.5 miles	KY488072_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/gravel/rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Brush Creek 0.0 to 3.5	3.5 miles	KY488072_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Surface Mining
Brush Creek 0.0 to 6.1	6.1 miles	KY488076_ 01	River	Green/ Tradewater	Green River	05110001	Casey	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Off-road Vehicles; Streambank Modifications/ Destabilization
Brush Creek 0.0 to 6.3	6.3 miles	KY488071_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Brush Creek 0.0 to 6.3	6.3 miles	KY488071_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Total Dissolved Solids	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Brush Creek 0.0 to 6.6	6.6 miles	KY510969_ 00	River	Kentucky	Kentucky River	05100204	Powell	5-PS	WAH	Cause Unknown	Source Unknown
Brush Creek 0.0 to 8.4	8.4 miles	KY488070_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Dredging (e.g., for Navigation Channels)
Brush Fork 0.0 to 4.4	4.4 miles	KY488089_ 00	River	Green/ Tradewater	Green River	05110005	McLean	5-NS	PCR; SCR; WAH	рН	Surface Mining

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit	Orwerte	Cate-		luce cinceret	
Segment Brush Fork 0.0 to 4.4	Size 4.4 miles	ID KY488089_ 00	Type River	Watershed Green/ Tradewater	Green River	HUC 05110005	County	gory 5-NS	Use WAH	Impairment Sedimentation/ Siltation	Suspected Source(s) Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non- irrigated Crop Production; Surface Mining
Brushy Fork 0.0 to 10.0	10 miles	KY488137_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source
Brushy Fork 0.0 to 10.0	10 miles	KY488137_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Surface Mining
Brushy Fork 0.0 to 10.0	10 miles	KY488137_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Total Dissolved Solids	Coal Mining
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Iron	Coal Mining
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Habitat Modification - Other than Hydromodification; Post- development Erosion and Sedimentation
Buck Branch 0.0 to 2.8	2.8 miles	KY488192_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Buck Creek	8 miles	KY488213_ 00	River	Green/ Tradewater	Green River	05110005	McLean	5-NS	PCR	Fecal Coliform	Loss of Riparian Habitat; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
Buck Creek 0.0 to 8.0	8 miles	KY488213_ 00	River	Green/ Tradewater	Green River	05110005	McLean	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
Buck Creek 0.0 to 8.0	8 miles	KY488213_ 00	River	Green/ Tradewater	Green River	05110005	McLean	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Buck Creek 2.0 to 8.1	6.1 miles	KY488210_ 01	River	Green/ Tradewater	Green River	05110006	Christian	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Buck Creek 45.6 to 53.0	7.4 miles	KY511000_ 06	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	FC	Methylmercury	Source Unknown
Buck Fork 12.9 to 19.3	6.4 miles	KY488223_ 02	River	Green/ Tradewater	Green River	05110006	Christian	5-NS	PCR	Fecal Coliform	Source Unknown
Buck Fork 12.9 to 19.3	6.4 miles	KY488223_ 02	River	Green/ Tradewater	Green River	05110006	Christian	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Buck Fork 0.0 to 5.8	5.8 miles	KY488223_ 01	River	Green/ Tradewater	Green River	05110006	Todd	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Buckhorn Creek 2.4 to 6.8	4.4 miles	KY488268_ 02	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive)
Buckhorn Creek 2.4 to 6.8	4.4 miles	KY488268_ 02	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive)
Buckhorn Creek 0.0 to 2.4	2.4 miles	KY488268_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	PCR	Fecal Coliform	Source Unknown

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Buffalo Creek 0.0 to 1.8	1.8 miles	KY488317_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Buffalo Creek 0.0 to 6.8	6.8 miles	KY488316_ 00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Buffalo Creek 0.0 to 6.8	6.8 miles	KY488316_ 00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Total Dissolved Solids	Source Unknown
Buffalo Creek 0.0 to 2.85	2.85 miles	KY488315_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Non- Point Source
Bull Creek 0.0 to 1.0	1 miles	KY488350_ 00	River	Green/ Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Sedimentation/ Siltation	Channelization; Habitat Modification - Other than Hydromodification; Non- irrigated Crop Production
Bull Creek 0.0 to 2.0	2 miles	KY511048_ 00	River	Kentucky	Kentucky River	05100203	Knox	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Bull Run 0.0 to 3.7	3.7 miles	KY488359_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Channelization; Legacy Coal Extraction; Loss of Riparian Habitat
Bullitt Lick Creek 0.0 to 2.3	2.3 miles	KY488374_ 00	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)
Bullitt Lick Creek 0.0 to 2.3	2.3 miles	KY488374_ 00	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Turbidity	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)
Bullock Pen Lake	134 acres	KY488380_ 01	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Bullock Pen Lake	134 acres	KY488380_ 01	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Oxygen, Dissolved	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Bullskin Creek	8	KY488381_		0.1.11.1.1						Cause	
14.4 to 22.4	miles	02	River	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Unknown	Source Unknown
Burnett Fork 0.0 to 1.3	1.3 miles	KY488447_ 00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Nitrogen (Total)	Irrigated Crop Production; Non-irrigated Crop Production
Burnett Fork 0.0 to 1.3	1.3 miles	KY488447_ 00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Non-irrigated Crop Production
Burnett Fork 0.0 to 1.3	1.3 miles	KY488447_ 00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non- irrigated Crop Production; Streambank Modifications/ Destabilization
Burning Fork 0.0 to 3.3	3.3 miles	KY488450_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	PCR	Fecal Coliform	Source Unknown
Burning Fork 0.0 to 3.3	3.3 miles	KY488450_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Urban Runoff/Storm Sewers
Burning Fork 3.3 to 7.9	4.6 miles	KY488450_ 02	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Cause Unknown	Source Unknown
Burning Fork 3.3 to 7.9	4.6 miles	KY488450_ 02	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Channelization, Coal Mining, Loss of Riparian Habitat, Non-Point Source, Rural (Residential Areas), Urban Runoff/Storm Sewers
Butler Fork 2.5 to 4.4	1.9 miles	KY488519_ 00	River	Green/ Tradewater	Green River	05110001	Adair	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Cabin Creek 3.6 to 11.3	7.7 miles	KY488566_ 00	River	Salt/Licking	Ohio River	05090201	Mason	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Caddle Creek 0.00 to 2.00	2 miles	KY488575_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Cause Unknown	Agriculture
Caldwell Creek 0.0 to 3.0	3 miles	KY488592_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010202	Graves	5-NS	WAH	Sedimentation/ Siltation	Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Ammonia (Un- ionized)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Iron	Coal Mining; Petroleum/Natural Gas Activities
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nitrogen (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Phosphorus (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Waterbody &	Total	Waterbody	Water		(1)	8-Digit	_	Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Caleb Fork 0.0 to 1.2	1.2 miles	KY488598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Calhoun Creek 0.0 to 2.8	2.8 miles	KY488609_ 01	River	Green/ Tradewater	Green River	05110001	Casey	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Calhoun Creek 0.0 to 2.8	2.8 miles	KY488609_ 01	River	Green/ Tradewater	Green River	05110001	Casey	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing
Camp Creek 0.0 to 5.4	5.4 miles	KY488685_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Camp Creek 0.0 to 5.4	5.4 miles	KY488685_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Other	Source Unknown
Campbellsville City Reservoir	63 acres	KY2742651 _00	Fresh- water Reser- voir	Green/ Tradewater	Green River	05110001	Taylor	5-PS	SCR	Sedimentation/ Siltation	Natural Sources; Upstream Source
Cane Creek 0.0 to 4.1	4.1 miles	KY488773_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Cause Unknown	Source Unknown
Cane Creek 0.0 to 5.3	5.3 miles	KY488768_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Non-irrigated Crop Production

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Cane Creek 0.0 to 5.3 Cane Creek 0.3 to 4.1	5.3 miles 3.8 miles	KY488768_ 00 KY488772_ 00	River	Tenn/Miss/ Cumberland Tenn/Miss/ Cumberland	Mississippi River Mississippi River	08010201	Hickman	5-PS 5-PS	WAH	Sedimentation/ Siltation Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Non-irrigated Crop Production Source Unknown
Cane Creek 0.0 to 4.4	4.4 miles	KY511184_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Oxygen, Dissolved	Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat; Residential Districts
Cane Creek 0.0 to 4.4	4.4 miles	KY511184_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat; Residential Districts
Cane Creek 0.0 to 4.4	4.4 miles	KY488771_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Cane Creek 0.0 to 4.4	4.4 miles	KY488771_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Non- irrigated Crop Production
Cane Run 0.0 to 3.0	3 miles	KY488799_ 01	River	Kentucky	Kentucky River	05100205	Scott	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Cane Run 0.0 to 3.0	3 miles	KY488799_ 01	River	Kentucky	Kentucky River	05100205	Scott	5-PS	SCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater
Cane Run 0.0 to 3.0	3 miles	KY488799_ 01	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater
Cane Run 0.0 to 3.0	3 miles	KY488799_ 01	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Non-irrigated Crop Production
Cane Run 0.0 to 3.7	3.7 miles	KY488791_ 00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown
Cane Run 0.0 to 3.7	3.7 miles	KY488791_ 00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown
Cane Run 0.0 to 3.7	3.7 miles	KY488791_ 00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Channelization; Irrigated Crop Production; Non- irrigated Crop Production; Source Unknown
Cane Run 0.0 to 7.3	7.3 miles	KY488794_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Cane Run 3.0 to 9.6	6.6 miles	KY488799_ 02	River	Kentucky	Kentucky River	05100205	Scott	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Package Plant or Other Permitted Small Flows Discharges
Cane Run 3.0 to 9.6	6.6 miles	KY488799_ 02	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills; Livestock (Grazing or Feeding Operations); Package Plant or Other Permitted Small Flows Discharges
Cane Run 3.0 to 9.6	6.6 miles	KY488799_ 02	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations), Managed Pasture Grazing, Non-Irrigated Crop Production
Cane Run 3.0 to 9.6	6.6 miles	KY488799_ 02	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Specific Conductance	Highways, Roads, Bridges, Infrastructure (New Construction); Landfills; Livestock (Grazing or Feeding Operations)
Cane Run 9.6 to 17.4	7.8 miles	KY488799_ 03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
Cane Run 9.6 to 17.4	7.8 miles	KY488799_ 03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	SCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
Cane Run 9.6 to 17.4	7.8 miles	KY488799_ 03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
Cane Run 9.6 to 17.4	7.8 miles	KY488799_ 03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Caney Creek 0.0 to 1.5	1.5 miles	KY488843_ 01	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Managed Pasture Grazing
Caney Creek 0.0 to 1.5	1.5 miles	KY488843_ 01	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat; Managed Pasture Grazing
Caney Creek 0.0 to 1.5	1.5 miles	KY488843_ 01	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Managed Pasture Grazing
Caney Creek 0.0 to 3.3	3.3 miles	KY488830_ 00	River	Green/ Tradewater	Tradewater	05140205	Caldwell	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production; Source Unknown
Caney Creek 0.0 to 3.3	3.3 miles	KY488830_ 00	River	Green/ Tradewater	Tradewater	05140205	Caldwell	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production; Source Unknown
Caney Creek 0.0 to 4.2	4.2 miles	KY511201_ 00	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Caney Creek	4.2 miles	KY511201_ 00	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Caney Creek 0.0 to 8.2	8.2 miles	KY488837_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR; SCR; WAH	pН	Acid Mine Drainage; Surface Mining

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Caney Creek 0.0 to 8.2	8.2 miles	KY488837_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Surface Mining
Caney Creek	8.2	KY488837_		Green/						Specific	Acid Mine Drainage;
0.0 to 8.2	miles	01	River	Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Conductance	Surface Mining
Caney Creek	8.2	KY488837_		Green/						Total Dissolved	Acid Mine Drainage;
0.0 to 8.2	miles	01	River	Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Solids	Surface Mining
Caney Creek 0.0 to 3.6	3.6 miles	KY488838_ 01	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Petroleum/Natural Gas Production Activities (Permitted); Post- development Erosion and Sedimentation
											Petroleum/Natural Gas
Caney Creek 0.0 to 3.6	3.6 miles	KY488838_ 01	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Production Activities (Permitted)
Caney Creek 1.4 to 5.3	3.9 miles	KY488828_ 01	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown
Caney Creek 3.6 to 7.6	4 miles	KY488838_ 02	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Caney Fork 0.0 to 7.5	7.5 miles	KY488862_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Caney Fork 0.0 to 7.5	7.5 miles	KY488862_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Caney Fork 0.0 to 7.5	7.5 miles	KY488862_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities
Caney Fork 3.4 to 7.9	4.5 miles	KY488863_ 00	River	Green/ Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Caney Fork 3.4 to 7.9	4.5 miles	KY488863_ 00	River	Green/ Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Caney Fork 0.0 to 4.0	4 miles	KY488864_ 01	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	PCR	Escherichia coli	Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers
Caney Fork 0.0 to 4.0	4 miles	KY488864_ 01	River	Salt/Licking	Salt River	05140102	Nelson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers
Caney Fork 7.5 to 11.3	3.8 miles	KY488862_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Caney Fork 7.5 to 11.3	3.8 miles	KY488862_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Caneyville City Reservoir	75 acres	KY488877_ 00	Fresh- water Reser- voir	Green/ Tradewater	Green River	05110004	Grayson	5-PS	DWS	Nutrient/ Eutrophication Biological Indicators	Natural Sources
Caneyville City Reservoir	75 acres	KY488877_ 00	Fresh- water Reser- voir	Green/ Tradewater	Green River	05110004	Grayson	5-PS	SCR	Nutrient/ Eutrophication Biological Indicators	Shallow Lake/Reservoir Basin

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit	Ocumba	Cate-	115.5	luce sime set	
Segment	Size	ID	Type Fresh-	Watershed	Dasin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Caneyville City Reservoir	75 acres	KY488877_ 00	water Reser- voir	Green/ Tradewater	Green River	05110004	Grayson	5-PS	SCR	Sedimentation/ Siltation	Shallow Lake/Reservoir Basin
Cannon Creek 0.0 to 1.8	1.8 miles	KY488885_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Sedimentation/ Siltation	Dredging (e.g., for Navigation Channels); Loss of Riparian Habitat
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_ 01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Chromium (total)	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_ 01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Copper	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_ 01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	PCR	Fecal Coliform	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_ 01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	SCR	Fecal Coliform	Source Unknown
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_ 01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_ 01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_ 01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges
Canoe Creek 2.4 to 5.0	2.6 miles	KY488897_ 01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Zinc	Source Unknown
Carpenter Lake	64 acres	KY488966_ 00	Fresh- water Reser- voir	Green/ Tradewater	Ohio River	05140201	Daviess	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Upstream Source
Carpenter Lake	64 acres	KY488966_ 00	Fresh- water Reser- voir	Green/ Tradewater	Ohio River	05140201	Daviess	5-PS	WAH	Oxygen, Dissolved	Agriculture; Upstream Source

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Carr Fork 6.2 to 8.9	2.7 miles	KY511230- 02	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Carr Fork 6.2 to 8.9	2.7 miles	KY511230- 02	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining
Carr Fork 15.6 to 26.4	10.8 miles	KY511230_ 03	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Carr Fork 15.6 to 26.4	10.8 miles	KY511230_ 03	River	Kentucky	Kentucky River	05100201	Knott	5-NS	SCR	Fecal Coliform	Source Unknown
Carr Fork 15.6 to 26.4	10.8 miles	KY511230_ 03	River	Kentucky	Kentucky River	05100201	Knott	5-PS	WAH	Specific Conductance	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Carr Fork 15.6 to 26.4	10.8 miles	KY511230_ 03	River	Kentucky	Kentucky River	05100201	Knott	5-PS	WAH	Total Suspended Solids (TSS)	Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining
Carr Fork Reservoir	710 acres	KY488975_ 00	Fresh- water Reser- voir	Kentucky	Kentucky River	05100201	Knott	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Cartwright Creek 0.0 to 6.6	6.6 miles	KY489030_ 01	River	Salt/Licking	Salt River	05140103	Washington	5-NS	PCR	Fecal Coliform	Agriculture
Cartwright Creek 12.7 to 15.3	2.6 miles	KY489030_ 03	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Cause Unknown	Source Unknown
Casey Creek 0.6 to 9.7	9.1 miles	KY489044_ 00	River	Green/ Tradewater	Ohio River	05140202	Union	5-NS	WAH	Total Dissolved Solids	Drainage/Filling/Loss of Wetlands; Petroleum/Natural Gas Production Activities (Permitted)
Casey Creek 0.0 to 3.6	3.6 miles	KY489043_ 00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Sedimentation/ Siltation	Sources Outside State Jurisdiction or Borders
Cash Creek 0.0 to 5.8	5.8 miles	KY489056_ 01	River	Green/ Tradewater	Green River	05110005	Henderson	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Caskey Fork	2.3	KY489059_								Cause	
0.0 to 2.3	miles	01	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Unknown	Source Unknown
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489074_ 00	River	Green/ Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489074_ 00	River	Green/ Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489074_ 00	River	Green/ Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Total Dissolved Solids	Managed Pasture Grazing
Castleberry Creek 0.0 to 2.1	2.1 miles	KY489074_ 00	River	Green/ Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Turbidity	Loss of Riparian Habitat; Managed Pasture Grazing
Cat Creek 0.0 to 8.0	8 miles	KY511245_ 01	River	Kentucky	Kentucky River	05100204	Powell	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Catron Creek 0.0 to 8.9	8.9 miles	KY489099_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Specific Conductance	Coal Mining; Non-Point Source
Cave Run Lake	8270 acres	KY511277_ 00	Fresh- water Reser- voir	Salt/Licking	Licking River	05100101	Rowan	5-PS	FC	Methylmercury	Source Unknown
Cedar Creek 0.0 to 9.4	9.4 miles	KY489184_ 01	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Cedar Creek 0.0 to 9.4	9.4 miles	KY489184_ 01	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Silviculture Activities
Cedar Creek 12.0 to 16.1	4.1 miles	KY489183_ 02	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Cause Unknown	Source Unknown
Cedar Creek 4.3 to 11.1	6.8 miles	KY489183_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Source Unknown

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Cedar Creek	6.8	KY489183_						;			
4.3 to 11.1	miles	01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Source Unknown
Cedar Creek Lake	784 acres	KYCLN211 _00	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Lincoln	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Chambers Fork 0.7 to 1.1	0.4 miles	KY489323_ 01	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing
Champion Creek 0.0 to 1.5	1.5 miles	KY489324_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-NS	WAH	Cause Unknown	Site Clearance (Land Development or Redevelopment)
Chaplin River 0.0 to 23.1	23.1 miles	KY489350_ 01	River	Salt/Licking	Salt River	05140103	Nelson	5-NS	PCR	Escherichia coli	Agriculture
Chaplin River 63.0 to 69.7	6.7 miles	KY489350_ 04	River	Salt/Licking	Salt River	05140103	Mercer	5-NS	WAH	Cause Unknown	Source Unknown
Cheese Lick 0.7 to 4.4	3.7 miles	KY489380_ 01	River	Salt/Licking	Salt River	05140103	Anderson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Cheese Lick 0.7 to 4.4	3.7 miles	KY489380_ 01	River	Salt/Licking	Salt River	05140103	Anderson	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Chenoweth Run 0.0 to 5.25	5.25 miles	KY489391_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater
Chenoweth Run 0.0 to 5.25	5.25 miles	KY489391_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Chenoweth Run 0.0 to 5.25	5.25 miles	KY489391_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	SCR	Fecal Coliform	Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater
Chenoweth Run 5.25 to 9.2	3.95 miles	KY489391_ 02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Grazing in Riparian or Shoreline Zones; Municipal Point Source Discharges; Unspecified Urban Stormwater
Chenoweth Run 5.25 to 9.2	3.95 miles	KY489391_ 02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater
Chenoweth Run 5.25 to 9.2	3.95 miles	KY489391_ 02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	SCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Cause Unknown	Source Unknown
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Other	Source Unknown
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Oxygen, Dissolved	Source Unknown
Chickasaw Park Pond	1.5 acres	KYDOW01 5_00	Pond	Salt/Licking	Salt River	05140101	Jefferson	5-PS	FC	Methylmercury	Source Unknown
Christy Creek 0.0 to 4.3	4.3 miles	KY511363_ 00	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Cause Unknown	Non-irrigated Crop Production

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Christy Creek 0.0 to 4.3	4.3 miles	KY511363_ 00	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Clanton Creek 0.0 to 4.9	4.9 miles	KY489524_ 00	River	Tenn/Miss/ Cumberland	Ohio River	05140206	Ballard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Clanton Creek 0.0 to 4.9	4.9 miles	KY489524_ 00	River	Tenn/Miss/ Cumberland	Ohio River	05140206	Ballard	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Clarks River 13.1 to 20.5	7.4 miles	KY489552_ 02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-NS	WAH	Iron	Source Unknown
Clarks River 13.1 to 20.5	7.4 miles	KY489552_ 02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-NS	WAH	Lead	Source Unknown
Clarks River 4.9 to 13.1	8.2 miles	KY489552_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Clarks River 51.8 to 55.1	3.3 miles	KY489552_ 07	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-NS	PCR	Escherichia coli	Source Unknown
Clarks River 55.6 to 64.7	9.1 miles	KY489552_ 08	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Cause Unknown	Source Unknown
Clarks River 34.8 to 42.6	7.8 miles	KY489552_ 05	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/ Destabilization
Clarks River 34.8 to 42.6	7.8 miles	KY489552_ 05	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Phosphorus (Total)	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/ Destabilization

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

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Clarks Run 6.7 to 14.3	7.6 miles	KY489554_ 03	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Sedimentation/ Siltation	Streambank Modifications/ Destabilization
Clary Branch 0.0 to 1.9	1.9 miles	KY489562_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Sedimentation/ Siltation	Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/ Parkland
Clay Lick Creek 4.1 to 5.3	1.2 miles	KY489582_ 00	River	Green/ Tradewater	Green River	05110001	Metcalfe	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Clay Lick Creek 4.1 to 5.3	1.2 miles	KY489582_ 00	River	Green/ Tradewater	Green River	05110001	Metcalfe	5-PS	WAH	Sedimentation/ Siltation	Highways, Roads, Bridges, Infrastructure (New Construction); Loss of Riparian Habitat; Managed Pasture Grazing
Claylick Creek 4.8 to 10.7	5.9 miles	KY489591_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Crittenden	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production
Claylick Creek 4.8 to 10.7	5.9 miles	KY489591_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Crittenden	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production
Claylick Creek 10.7 to 13.9	3.2 miles	KY489591_ 03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Crittenden	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non- irrigated Crop Production

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Claylick Creek 2.4 to 3.4	1 miles	KY489590_ 00	River	Green/ Tradewater	Green River	05110001	Warren	5-PS	WAH	Sedimentation/ Siltation	Channelization; Habitat Modification - Other than Hydromodification
Clayton Creek 0.75 to 3.3	2.55 miles	KY489601_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Cause Unknown	Source Unknown
Clayton Creek 0.75 to 3.3	2.55 miles	KY489601_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Phosphorus (Total)	Agriculture
Clayton Creek 3.3 to 7.7 Clayton Creek	4.4 miles 4.4 miles	KY489601_ 02 KY489601_ 02	River	Tenn/Miss/ Cumberland Tenn/Miss/	Tennessee River Tennessee	06040006	Calloway	5-PS 5-PS	WAH WAH	Nutrient/ Eutrophication Biological Indicators Sedimentation/ Siltation	Agriculture; Rural (Residential Areas) Agriculture; Loss of
3.3 to 7.7 Clear Creek 0 to 4.4	miles 4.4 miles	KY489613_ 00	River	Cumberland Salt/Licking	River Salt River	06040006	Calloway Hardin	5-PS	WAH	Cause Unknown	Riparian Habitat Source Unknown
Clear Creek 0.0 to 11.0	11 miles	KY489615_ 00	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Urban Runoff/Storm Sewers
Clear Creek 0.0 to 11.0	11 miles	KY489615_ 00	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
Clear Creek 0.0 to 11.0	11 miles	KY489615_ 00	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater On-site Treatment
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nitrogen (Total)	Systems (Septic Systems and Similar Decentralized Systems)

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Phosphorus (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Petroleum/Natural Gas Activities
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Cause Unknown	Source Unknown
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Clear Creek 0.0 to 7.5	7.5 miles	KY489610_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Oxygen, Dissolved	Source Unknown
Clear Creek 0.7 to 3.1	2.4 miles	KY489617_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040005	Marshall	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Clear Creek 0.7 to 3.1	2.4 miles	KY489617_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040005	Marshall	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Clear Creek 19.4 to 26.2	6.8 miles	KY489610_ 02	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Clear Creek 19.4 to 26.2	6.8 miles	KY489610_ 02	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Clear Creek 19.4 to 26.2	6.8 miles	KY489610_ 02	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Channelization; Surface Mining
Clear Creek 26.2 to 26.5	0.3 miles	KY489610_ 03	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
Clear Fork 17.0 to 19.4	2.4 miles	KY511399_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Surface Mining
Clear Fork 17.0 to 19.4	2.4 miles	KY511399_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Specific Conductance	Loss of Riparian Habitat; Surface Mining
Clover Creek 7.4 to 10.3	2.9 miles	KY489703_ 00	River	Green/ Tradewater	Ohio River	05140201	Breckinridge	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations)
Clover Fork 28.2 to 28.9	0.7 miles	KY511423_ 05	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Sedimentation/ Siltation	Coal Mining
Clover Fork 28.9 to 33.8	4.9 miles	KY511423_ 06	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Source Unknown; Surface Mining
Clover Fork 9.2 to 15.5	6.3 miles	KY511423_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Source Unknown; Surface Mining
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Sewage Discharges in Unsewered Areas; Surface Mining
Clover Fork 15.5 to 18.2 Clover Fork	2.7 miles 2.7	KY511423_ 03 KY511423	River	Tenn/Miss/ Cumberland Tenn/Miss/	Upper Cumberland Upper	05130101	Harlan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators Sedimentation/	Sewage Discharges in Unsewered Areas; Surface Mining Silviculture Activities;
15.5 to 18.2	miles	03	River	Cumberland	Cumberland	05130101	Harlan	5-PS	WAH	Siltation	Surface Mining

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Specific Conductance	Sewage Discharges in Unsewered Areas; Surface Mining
Clover Fork 18.2 to 28.2	10 miles	KY511423_ 04	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Source Unknown; Surface Mining
Cloverlick Creek 0.0 to 5.0	5 miles	KY511427_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Total Suspended Solids (TSS)	Channelization; Loss of Riparian Habitat; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Coffee Creek 0.0 to 4.1	4.1 miles	KY489772_ 01	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Streambank Modifications/ Destabilization
Coldwater Fork 2.1 to 5.3	3.2 miles	KY489804_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Channelization; Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Other Spill Related Impacts; Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater
Coldwater Fork	3.2	KY489804_		Sandy/	Big Sandy					Total Dissolved	Impacts from Abandoned Mine Lands (Inactive); Other Spill Related Impacts; Surface Mining; Unspecified Urban
2.1 to 5.3	miles	01	River	Tygarts	River	05070201	Martin	5-PS	WAH	Solids	Stormwater

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Colliers Creek 0 .0 to 4.1	4.1 miles	KY485675_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Letcher	5-PS	WAH	Specific Conductance	Coal Mining
Colliers Creek 0 .0 to 4.1	4.1 miles	KY485675_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Letcher	5-PS	WAH	Total Dissolved Solids	Surface Mining
Collins Fork 2.4 to 6.3	3.9 miles	KY511474_ 00	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Cooper Run 0.0 to 10.15	10.15 miles	KY490062_ 00	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
Cooper Run 0.0 to 10.15	10.15 miles	KY490062_ 00	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations)
Cope Fork 0.0 to 1.9	1.9 miles	KY490072_ 00	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Activities; Streambank Modifications/ Destabilization; Surface Mining
Cope Fork 0.0 to 1.9	1.9 miles	KY490072_ 00	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Surface Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Iron	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR; SCR; WAH	рН	Coal Mining

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Copper Creek 0.0 to 2.7	2.7 miles	KY490078_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Zinc	Coal Mining
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Cadmium	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Iron	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Nickel	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 miles	KY490083_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Zinc	Source Unknown
Copperas Creek 0.0 to 3.6	3.6 MILE S	KY490083_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR; SCR; WAH	рН	Source Unknown
Corbin City Reservoir	138 acres	KYCLN052 _01	Fresh- water Reser- voir	Tenn/Miss/ Cumberland	Upper Cumberland	05130100	Laurel	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Internal Nutrient Recycling; Municipal Point Source Discharges
Corbin City Reservoir	139 acres	KYCLN052 00	Fresh- water Reser- voir	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Internal Nutrient Recycling; Municipal Point Source Discharges

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Cox Creek 11.4 to 18.6	7.2 miles	KY490220_ 03	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	PCR	Escherichia coli	Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Package Plant or Other Permitted Small Flows Discharges; Unrestricted Cattle Access
Cox Creek 11.4 to 18.6	7.2 miles	KY490220_ 03	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Permitted Runoff from Confined Animal Feeding Operations (CAFOs)
Cox Creek 0.0 to 4.7	4.7 miles	KY490220_ 01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	PCR	Escherichia coli	Non-Point Source
Cox Creek 18.6 to 23.9	5.3 miles	KY490220_ 04	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	PCR	Escherichia coli	Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers
Cox Creek 18.6 to 23.9	5.3 miles	KY490220_ 04	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Non-Point Source
Cox Creek 4.7 to 11.4	6.7 miles	KY490220_ 02	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	PCR	Escherichia coli	Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access
Cox Run 0.0 to 3.4	3.4 miles	KY490231_ 00	River	Green/ Tradewater	Green River	05110001	Hardin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Cox Run 0.0	3.4	KY490231_		Green/						Sedimentation/	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/
to 3.4	miles	00	River	Tradewater	Green River	05110001	Hardin	5-PS	WAH	Siltation	Destabilization

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Crab Creek 0.0 to 4.8	4.8 miles	KY490240_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Grazing in Riparian or Shoreline Zones
Crab Creek 0.0 to 4.8	4.8 miles	KY490240_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Grazing in Riparian or Shoreline Zones
Craborchard Creek 0.0 to 3.4	3.4 miles	KY490247_ 01	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Cause Unknown	Agriculture
Craborchard Creek 0.0 to 3.4	3.4 miles	KY490247_ 01	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Craborchard Creek 0.0 to 3.4	3.4 miles	KY490247_ 01	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Craborchard Creek (including Vaughn Ditch) 0.0 to 14.7	14.7 miles	KY490248_ 01	River	Green/ Tradewater	Tradewater	05140205	Webster	5-NS	PCR	Fecal Coliform	Source Unknown
Craborchard Creek 19.2 to 21.3	2.1 miles	KY490248_ 02	River	Green/ Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Craborchard Creek 19.2 to 21.3	2.1 miles	KY490248_ 02	River	Green/ Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Craig Creek 5.8 to 6.8	1 miles	KY511617_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Sedimentation/ Siltation	Channel Erosion/Incision from Upstream Hydromodifications; Source Unknown; Streambank Modifications/ Destabilization
Craintown Branch 0.0 to 3.6	3.6 miles	KY490277_ 00	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS)

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Crane Creek 0.0 to 2.9	2.9 miles	KY511622_ 01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization
Crane Creek 0.0 to 5.4	5.4 miles	KY511620_ 01	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Post- development Erosion and Sedimentation
Crane Creek 1.4 to 2.0	0.6 miles	KY490282_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Cause Unknown	Impacts from Abandoned Mine Lands (Inactive)
Cranks Creek 1.6 to 2.4	0.8 miles	KY490293_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Cause Unknown	Source Unknown
Crocus Creek 14.0 to 17.15	3.15 miles	KY490359_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Adair	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Crocus Creek 4.9 to 14.0	9.1 miles	KY490359_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-NS	PCR; SCR; WAH	рН	Source Unknown
Crocus Creek 4.9 to 14.0	9.1 miles	KY490359_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Mine Tailings
Crooked Creek 0.0 to 11.9	11.9 miles	KY511649_ 01	River	Green/ Tradewater	Ohio River	05140203	Crittenden	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Crooked Creek 0.0 to 3.0	3 miles	KY490376_ 00	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
Crooked Creek 0.0 to 9.1	9.1 miles	KY490377_ 00	River	Salt/Licking	Licking River	05100101	Nicholas	5-NS	PCR	Fecal Coliform	Source Unknown
Crooked Creek 5.6 to 12.8	7.2 miles	KY490379_ 00	River	Salt/Licking	Salt River	05140103	Bullitt	5-NS	WAH	Cause Unknown	Source Unknown
Crooked Creek 11.9 to 26.2	14.3 miles	KY511649_ 02	River	Green/ Tradewater	Ohio River	05140203	Crittenden	5-NS	PCR	Fecal Coliform	Source Unknown

Waterbody & Segment	Total Size	Waterbody	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Crooked Creek	14.3 miles	KY511649_ 02	River	Green/ Tradewater	Ohio River	05140203	Crittenden	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Crooked Creek 11.9 to 26.2	14.3 miles	KY511649_ 02	River	Green/ Tradewater	Ohio River	05140203	Crittenden	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Crooked Creek 11.9 to 26.2	14.3 miles	KY511649_ 02	River	Green/ Tradewater	Ohio River	05140203	Crittenden	5-NS	WAH	Sedimentation/ Siltation	Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Cruises Creek 0.0 to 8.7	8.7 miles	KY490420_ 01	River	Salt/Licking	Licking River	05100101	Kenton	5-PS	WAH	Cause Unknown	Source Unknown
Crystal Creek 0.0 to 2.3	2.3 miles	KY511669_ 01	River	Kentucky	Kentucky River	05100201	Lee	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills
Crystal Creek 0.0 to 2.3	2.3 miles	KY511669_ 01	River	Kentucky	Kentucky River	05100201	Lee	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Landfills
Cumberland River 671.9 to 682.3	10.4 miles	KY517018_ 09	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Specific Conductance	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Cumberland River 569.4 to 575.1	5.7 miles	KY517018_ 03.5	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Specific Conductance	Surface Mining
Cumberland River 653.25 to 659.95	6.7 miles	KY517018_ 08	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Cause Unknown	Source Unknown
Currys Fork 0.0 to 4.8	4.8 miles	KY490506_ 01	River	Salt/Licking	Salt River	05140102	Oldham	5-NS	PCR	Escherichia coli	Package Plant or Other Permitted Small Flows Discharges

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Cutshin Creek 9.7 to 10.7	1 miles	KY511693_ 01	River	Kentucky	Kentucky River	05100202	Leslie	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Surface Mining
Cypress Creek 0.0 to 3.3	3.3 miles	KY490527_ 01	River	Green/ Tradewater	Tradewater	05140205	Union	5-NS	PCR	Fecal Coliform	Source Unknown
Cypress Creek 0.0 to 3.3	3.3 miles	KY490527_ 01	River	Green/ Tradewater	Tradewater	05140205	Union	5-PS	SCR	Fecal Coliform	Source Unknown
Cypress Creek 0.0 to 6.0	6 miles	KY490526_ 01	River	Green/ Tradewater	Green River	05110006	McLean	5-NS	PCR	Fecal Coliform	Source Unknown
Cypress Creek 0.0 to 6.0	6 miles	KY490526_ 01	River	Green/ Tradewater	Green River	05110006	McLean	5-NS	SCR	Fecal Coliform	Source Unknown
Cypress Creek 0.1 to 6.2	6.1 miles	KY490528_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Iron	Industrial Point Source Discharge; Urban Runoff/Storm Sewers
Cypress Creek 6.2 to 7.7	1.5 miles	KY490528_ 02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Cypress Creek 6.2 to 7.7	1.5 miles	KY490528_ 02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Cypress Creek 6.2 to 7.7	1.5 miles	KY490528_ 02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Source Unknown
Cypress Creek 7.7 to 9.7	2 miles	KY490528_ 03	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
Cypress Creek 0.1 to 6.1	6 miles	KY490524_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Livingston	5-NS	WAH	Phosphorus (Total)	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non- irrigated Crop Production

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Cypress Creek 0.1 to 6.1	6 miles	KY490524_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Livingston	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non- irrigated Crop Production
Cypress Creek	3.4	KY490526	1	Green/	Cambonana	00100200	Livingoton	0 110		Cause	ingated crop i reddetteri
23.1 to 26.5	miles	02	River	Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Unknown	Source Unknown
Cypress Creek 26.5 to 33.6	7.1 miles	KY490526_ 03	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Specific Conductance	Non-Point Source; Surface Mining
Cypress Creek 26.5 to 33.6	7.1 miles	KY490526_ 03	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Total Dissolved Solids	Non-Point Source; Surface Mining
Daniels Creek 0.0 to 5.7	5.7 miles	KY490575_ 00	River	Green/ Tradewater	Green River	05110004	Breckinridge	5-PS	WAH	Cause Unknown	Source Unknown
David Fork 0.0 to 1.65	1.65 miles	KY490622_ 01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Escherichia coli	Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Managed Pasture Grazing
Deer Creek 0.0 to 8.1	8.1 miles	KY490770_ 01	River	Green/ Tradewater	Ohio River	05140203	Livingston	5-NS	WAH	Cause Unknown	Agriculture
Deer Creek 0.0 to 8.4	8.4 miles	KY490771_ 01	River	Green/ Tradewater	Green River	05110005	Webster	5-NS	WAH	Iron	Source Unknown
Deer Creek 0.0 to 8.4	8.4 miles	KY490771_ 01	River	Green/ Tradewater	Green River	05110005	Webster	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Fecal Coliform	Unspecified Domestic Waste
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	SCR	Fecal Coliform	Source Unknown
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Selenium	Mountaintop Mining; Surface Mining
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Defeated Creek 0.5 to 1.6	1.1 miles	KY490786_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining; Surface Mining
Dennis O'nan Ditch/Cypress Creek 0.4 to 10.9	10.5 miles	KY490816_ 01	River	Green/ Tradewater	Ohio River	05140203	Union	5-NS	PCR	Fecal Coliform	Agriculture
Deserter Creek 0.0 to 3.1	3.1 miles	KY490828_ 01	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
Deserter Creek 0.0 to 3.1	3.1 miles	KY490828_ 01	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Dewey Lake	1100 acres	KY490849_ 00	Fresh- water Reser- voir	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	SCR	Total Suspended Solids (TSS)	Surface Mining; Upstream Source
Doe Run 4.1 to 7.9	3.8 miles	KY490968_ 00	River	Salt/Licking	Salt River	05140104	Meade	5-NS	PCR	Fecal Coliform	Source Unknown
Doe Run Lake	49 acres	KYCLN082 _00	Fresh- water Reser- voir	Salt/Licking	Licking River	05100102	Kenton	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown; Upstream Source
Doe Run Lake	49 acres	KYCLN082 _00	Fresh- water Reser- voir	Salt/Licking	Licking River	05100102	Kenton	5-PS	WAH	Oxygen, Dissolved	Source Unknown; Upstream Source
Donaldson Creek 0.0 to 14.2	14.2 miles	KY490999_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR	Fecal Coliform	Source Unknown
Donaldson Creek 0.0 to 14.2	14.2 miles	KY490999_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	SCR	Fecal Coliform	Source Unknown
Donaldson Creek 7.1 to 11.6	4.5 miles	KY491000_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Cause Unknown	Dredge Mining

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Dorsey Run 2.1 to 3.9	1.8 miles	KY491020_ 00	River	Green/ Tradewater	Green River	05110001	Hardin	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Dorsey Run 2.1 to 3.9	1.8 miles	KY491020_ 00	River	Green/ Tradewater	Green River	05110001	Hardin	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Post- development Erosion and Sedimentation
Doty Branch 0.0 to 2.3	2.3 miles	KY2355192 _01	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Animal Feeding Operations (NPS)
Drakes Creek 0.0 to 23.4	23.4 miles	KY491096_ 01	River	Green/ Tradewater	Green River	05110002	Warren	5-PS	FC	Polychlorinated Biphenyls	Industrial Point Source Discharge
Dry Creek 0.0 to 2.5	2.5 miles	KY511917_ 01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Urban Runoff/Storm Sewers
Dry Creek 0.0 to 2.5	2.5 miles	KY511917_ 01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Urban Runoff/Storm Sewers
Dry Creek 0.0 to 2.5	2.5 miles	KY511917_ 01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Urban Runoff/Storm Sewers
Dry Creek 0.0 to 3.65	3.65 miles	KY491176_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Caldwell	5-PS	WAH	Cause Unknown	Source Unknown
Dry Creek 0.0 to 3.65	3.65 miles	KY491176_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Caldwell	5-PS	WAH	Sedimentation/ Siltation	Off-road Vehicles
Dry Creek 0.0 to 4.5	4.5 miles	KY491173_ 00	River	Green/ Tradewater	Green River	05110001	Casey	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing; Non-irrigated Crop Production

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Dry Creek 0.0 to 4.0	4 miles	KY491166_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Sedimentation/ Siltation	Coal Mining; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation
Dry Creek 0.0 to 4.0	4 miles	KY491166_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Dry Creek 0.0 to 4.0	4 miles	KY491166_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Dry Creek 0.2 to 7.0	6.8 miles	KY491168_ 00	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater
Dry Creek 0.2 to 7.0	6.8 miles	KY491168_ 00	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater
Dry Creek 1.1 to 3.0	1.9 miles	KY491178_ 00	River	Salt/Licking	Ohio River	05090203	Gallatin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Dry Creek 1.1 to 3.0	1.9 miles	KY491178_ 00	River	Salt/Licking	Ohio River	05090203	Gallatin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Dry Creek 1.1 to 3.0	1.9 miles	KY491178_ 00	River	Salt/Licking	Ohio River	05090203	Gallatin	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations)
Dry Fork 1.2 to 4.5	3.3 miles	KY491206_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Silviculture Harvesting

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Dry Fork 0.0 to 7.3	7.3 miles	KY491181_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Logan	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non- irrigated Crop Production; Unrestricted Cattle Access
Dry Fork 0.0 to 7.3	7.3 miles	KY491181_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Logan	5-PS	WAH	Oxygen, Dissolved	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non- irrigated Crop Production; Unrestricted Cattle Access
Dry Fork 0.0 to 7.3	7.3 miles	KY491181_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Logan	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non- irrigated Crop Production; Unrestricted Cattle Access
Dry Fork Creek 5.8 to 6.6	0.8 miles	KY491216_ 00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Christian	5-NS	WAH	Sedimentation/ Siltation	Source Unknown
Dry Run 0.0 to 3.1	3.1 miles	KY491240_ 00	River	Kentucky	Kentucky River	05100205	Scott	5-PS	WAH	Cause Unknown	Managed Pasture Grazing; Source Unknown
Dry Run 0.0 to 3.1	3.1 miles	KY491240_ 00	River	Kentucky	Kentucky River	05100205	Scott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing; Source Unknown
Dry Run 0.0 to 3.1	3.1 miles	KY491240_ 00	River	Kentucky	Kentucky River	05100205	Scott	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing; Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Duck Fork 0.0 to 4.8	4.8 miles	KY511938_ 01	River	Kentucky	Kentucky River	05100204	Lee	5-PS	WAH	Cause Unknown	Source Unknown
Dyer Hill Creek 0.4 to 6.0	5.6 miles	KY491390_ 01	River	Green/ Tradewater	Ohio River	05140203	Livingston	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Dyer Hill Creek 0.4 to 6.0	5.6 miles	KY491390_ 01	River	Green/ Tradewater	Ohio River	05140203	Livingston	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Dyer Hill Creek 0.4 to 6.0	5.6 miles	KY491390_ 01	River	Green/ Tradewater	Ohio River	05140203	Livingston	5-PS	WAH	Specific Conductance	Agriculture
Eagle Creek 50.8 to 58.5	7.7 miles	KY491407_ 03	River	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Eagle Creek 50.8 to 58.5	7.7 miles	KY491407_ 03	River	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Eagle Creek 31.6 to 36.5	4.9 miles	KY491407_ 02	River	Kentucky	Kentucky River	05100205	Grant	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Managed Pasture Grazing
Eagle Creek 31.6 to 36.5	4.9 miles	KY491407_ 02	River	Kentucky	Kentucky River	05100205	Grant	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Managed Pasture Grazing
East Branch 0.0 to 1.3	1.3 miles	KY491428_ 00	River	Green/ Tradewater	Green River	05110006	Christian	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification
East Fork Beech Fork 0.0 to 1.9	1.9 miles	KY491439_ 01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Cause Unknown	Source Unknown

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
East Fork Cox Creek 0.0 to 4.3	4.3 miles	KY491454_ 01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	PCR	Escherichia coli	Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access
East Fork Little Sandy River 24.9 to 26.4	1.5 miles	KY491469_ 03	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	5-PS	PCR	Escherichia coli	Loss of Riparian Habitat; Non-Point Source
East Fork Little Sandy River 27.6 to 30.9	3.3 miles	KY491469_ 05	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Sedimentation/ Siltation	Legacy Coal Extraction; Loss of Riparian Habitat
East Fork Little Sandy River 4.7 to 14.2	9.5 miles	KY491469_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	PCR	Escherichia coli	Agriculture
East Fork Little Sandy River 16.9 to 24.9	8 miles	KY491469_ 02	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
East Fork Little Sandy River 16.9 to 24.9	8 miles	KY491469_ 02	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Loss of Riparian Habitat
East Fork Little Sandy River 16.9 to 24.9	8 miles	KY491469_ 02	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	5-NS	WAH	Specific Conductance	Agriculture; Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Sewers
East Fork of Canoe Creek 0.0 to 4.4	4.4 miles	KY491444_ 01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-PS	WAH	Oxygen, Dissolved	Drought-related Impacts; Loss of Riparian Habitat
East Fork of Canoe Creek 0.0 to 4.4	4.4 miles	KY491444_ 01	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization
East Fork of Deer Creek 0.0 to 6.8	6.8 miles	KY491455_ 00	River	Green/ Tradewater	Green River	05110005	Webster	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
East Fork of Hurricane Creek 0.0 to 2.2	2.2 miles	KY491466_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
East Fork of Hurricane Creek 0.0 to 2.2	2.2 miles	KY491466_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
East Fork of Little Barren River 20.7 to 30.0	9.3 miles	KY491468_ 03	River	Green/ Tradewater	Green River	05110001	Metcalfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat
East Fork of Lynn Camp Creek 0.0 to 4.5	4.5 miles	KY511990_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment)
East Fork Otter Creek 0.0 to 2.7	2.7 miles	KY491474_ 00	River	Kentucky	Kentucky River	05100205	Madison	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Managed Pasture Grazing
East Hickman Creek 4.2 to 10.2	6.0 miles	KY491487_ 01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
East Hickman Creek 4.2 to 10.2	6.0 miles	KY491487_ 01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater
East Prong of Indian Camp Creek 0.0 to 6.25	6.25 miles	KY491498_ 01	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Sedimentation/ Siltation	Channelization; Crop Production (Crop Land or Dry Land); Streambank Modifications/ Destabilization
Eaton Branch 0.0 to 1.9	1.9 miles	KY491529_ 01	River	Green/ Tradewater	Green River	05110002	Barren	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat
Eaton Branch 0.0 to 1.9	1.9 miles	KY491529_ 01	River	Green/ Tradewater	Green River	05110002	Barren	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Eddy Creek 10.25 to 13.15	2.9 miles	KY491550_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Caldwell	5-PS	WAH	Cause Unknown	Source Unknown
Eddy Creek 13.15 to 15.9	2.75 miles	KY491550_ 03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	5-NS	WAH	Nitrates	Agriculture; Rural (Residential Areas)
Eddy Creek 13.15 to 15.9	2.75 miles	KY491550_ 03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	5-NS	WAH	Phosphorus (Total)	Agriculture; Rural (Residential Areas)
Elk Creek 0.0 to 1.6	1.6 miles	KY491658_ 00	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Cause Unknown	Source Unknown
Elk Creek 0.0 to 5.4	5.4 miles	KY491656_ 01	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Elk Creek 7.6 to 10.6	3 miles	KY491656_ 02	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
Elk Fork 0.0 to 4.9	4.9 miles	KY512038_ 01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Habitat Modification - Other than Hydromodification; Silviculture Activities
Elk Fork 12.6 to 14.7	2.1 miles	KY512038_ 03	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Elk Fork 12.6 to 14.7	2.1 miles	KY512038_ 03	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Todd	5-NS	PCR	Escherichia coli	Source Unknown
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Todd	5-NS	WAH	Cause Unknown	Source Unknown
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Todd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Elk Fork 22.3 to 31.1	8.8 miles	KY491660_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Todd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Elk Fork 4.9 to 10.5	5.6 miles	KY512038_ 02	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Elk Fork 4.9 to 10.5	5.6 miles	KY512038_ 02	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Elk Fork 31.1 to 33.1	1.6 miles	KY491660_ 03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Todd	5-NS	PCR	Escherichia coli	Source Unknown; Unspecified Urban Stormwater
Elk Pond Creek 0.0 to 4.9	4.9 miles	KY491671_ 00	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Elk Pond Creek 0.0 to 4.9	4.9 miles	KY491671_ 00	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Source Unknown
Elk Spring Creek 0.0 to 7.8	7.8 miles	KY491678_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Wayne	5-NS	WAH	Cause Unknown	Source Unknown
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Package Plant or Other Permitted Small Flows
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Sedimentation/ Siltation	Discharges; Surface Mining
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Specific Conductance	Surface Mining
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Elkhorn Creek 0.0 to 10.7	10.7 miles	KY509461_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Elkhorn Creek 0.0 to 18.2	18.2 miles	KY491690_ 01	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	FC	Methylmercury	Source Unknown
Ellingtons Bear Cr 0.0 to 1.5	1.5 miles	KY491699_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Ellingtons Bear Cr 0.0 to 1.5	1.5 miles	KY491699_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Ellingtons Bear Cr 0.0 to 1.5	1.5 miles	KY491699_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Temperature, Water	Loss of Riparian Habitat
Elmer Davis Lake	149 acres	KY2567392 _00	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit	Osurtu	Cate-		lana sina sa t	
Segment	Size	ID	Type Fresh-	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Elmer Davis Lake	149 acres	KY2567392 _00	water Reser- voir	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Oxygen, Dissolved	Agriculture
Everman Cr 0.0 to 5.7	5.7 miles	KY491855_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Ewing Creek 0.1 to 2.9	2.8 miles	KY491860_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Fannins Branch 1.5 to 3.4	1.9 miles	KY491979_ 01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Farley Branch 0.0 to 2.2	2.2 miles	KY491983_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Farley Branch 0.0 to 2.2	2.2 miles	KY491983_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Ferguson Creek 1.2 to 2.3	1.1 miles	KY492034_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Livingston	5-PS	WAH	Cause Unknown	Source Unknown
Fern Creek 1.3 to 4.4	3.1 miles	KY492042_ 02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater
Fern Creek 1.3 to 4.4	3.1 miles	KY492042_ 02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Fern Creek 1.3 to 4.4	3.1 miles	KY492042_ 02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater

Waterbody &	Total	Waterbody	Water		D (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Ammonia (Un- ionized)	Municipal Point Source Discharges; Unspecified Urban Stormwater
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater
Fern Creek 0.0 to 1.3	1.3 miles	KY492042_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Landfills; Municipal Point Source Discharges; Unspecified Urban Stormwater
Fern Creek 4.4 to 5.9	1.5 miles	KY492042_ 03	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Fern Creek 4.4 to 5.9	1.5 miles	KY492042_ 03	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Fern Creek 4.4 to 5.9	1.5 miles	KY492042_ 03	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Ferris Fork Creek 0.0 to 1.2	1.2 miles	KY492053_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat
Fish Lake	27 acres	KY492106_ 00	Freshw ater Lake	Tenn/Miss/ Cumberland	Ohio River	05140206	Ballard	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Fishtrap Reservoir	1143 acres	KY492142_ 00	Fresh- water Reser- voir	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	FC	PCB in Fish Tissue	Upstream Source

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Flat Creek 0.0 to 0.9	0.9 miles	KY492182_ 00	River	Salt/Licking	Licking River	05100101	Bath	5-NS	PCR	Fecal Coliform	Source Unknown
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_ 00	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Oil and Grease	Package Plant or Other Permitted Small Flows Discharges
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_ 00	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	PCR; SCR; WAH	pН	Acid Mine Drainage; Legacy Coal Extraction
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_ 00	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Legacy Coal Extraction; Loss of Riparian Habitat
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_ 00	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Specific Conductance	Legacy Coal Extraction
Flat Creek 0.0 to 10.9	10.9 miles	KY492181_ 00	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges
Flat Creek 0.0 to 7.1	7.1 miles	KY492179_ 00	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Flat Run 0.0 to 2.2	2.2 miles	KY492217_ 00	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
Flat Run 0.0 to 2.2	2.2 miles	KY492217_ 00	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Non-Point Source
Flat Run 0.0 to 2.2	2.2 miles	KY492217_ 00	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations); Non-Point Source

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Segment	0126		туре	Watersheu	Dasiri	1100	County	gory	036	impaintient	
Flat Run 2.2 to 9.05	6.85 miles	KY492217_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
Flat Run 2.2 to 9.05	6.85 miles	KY492217_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Non-Point Source
Flaxpatch Branch 0.1 to 2.6	2.5 miles	KY492233_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Flaxpatch Branch 0.1 to 2.6	2.5 miles	KY492233_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Iron	Mountaintop Mining; Surface Mining
Flaxpatch Branch 0.1 to 2.6	2.5 miles	KY492233_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining
Flaxpatch Branch 0.1 to 2.6	2.5 miles	KY492233_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining; Surface Mining
Fleming Creek 12.8 to 16.0	3.2 miles	KY492236_ 02	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_ 04	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Animal Feeding Operations (NPS)
Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_ 04	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Urban Runoff/Storm Sewers

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Fleming Creek 20.8 to 39.4	18.6 miles	KY492236_ 04	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS); Urban Runoff/Storm Sewers
Fleming Creek 0.0 to 12.8 Fleming Creek 0.0 to 12.8	12.8 miles 12.8 miles	KY492236_ 01 KY492236_ 01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS 5-PS	WAH	Nutrient/ Eutrophication Biological Indicators Phosphorus (Total)	Animal Feeding Operations (NPS) Animal Feeding Operations (NPS)
Floyds Fork 0.0 to 11.7	11.7 miles	KY492278_ 01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	PCR	Escherichia coli	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Floyds Fork 11.7 to 24.2	12.5 miles	KY492278_ 02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Agriculture; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
Floyds Fork 11.7 to 24.2	12.5 miles	KY492278_ 02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
Floyds Fork 24.2 to 34.1	9.9 miles	KY492278_ 03	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Highway/Road/Bridge Runoff (Non-construction Related); Package Plant or Other Permitted Small Flows Discharges
Floyds Fork 24.2 to 34.1	9.9 miles	KY492278_ 03	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Site Clearance (Land Development or Redevelopment)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Floyds Fork 34.1 to 61.9	27.8 miles	KY492278_ 04	River	Salt/Licking	Salt River	05140102	Oldham; Shelby	5-NS	PCR	Escherichia coli	Package Plant or Other Permitted Small Flows Discharges
Floyds Fork 34.1 to 61.9	27.8 miles	KY492278_ 04	River	Salt/Licking	Salt River	05140102	Oldham; Shelby	5-NS	SCR	Fecal Coliform	Package Plant or Other Permitted Small Flows Discharges
Floyds Fork 34.1 to 61.9	27.8 miles	KY492278_ 04	River	Salt/Licking	Salt River	05140102	Oldham; Shelby	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges; Wet Weather Discharges (Non-Point Source); Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Floyds Fork 34.1 to 61.9	27.8 miles	KY492278_ 04	River	Salt/Licking	Salt River	05140102	Oldham; Shelby	5-PS	WAH	Sedimentation/ Siltation	Municipal (Urbanized High Density Area); Wet Weather Discharges (Non-Point Source); Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
Ford Ditch 0.0 to 3.3	3.3 miles	KY501759- 2.2 00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Non-irrigated Crop Production
Ford Ditch 0.0 to 3.3	3.3 miles	KY501759- 2.2_00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Fourmile Creek 0.2 to 8.5	8.3 miles	KY492390_ 01	River	Salt/Licking	Ohio River	05090201	Campbell	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures)
Fox Creek 0.0 to 10.1	10.1 miles	KY512230_ 01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	PCR	Fecal Coliform	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Fox Creek 0.0 to 10.1	10.1 miles	KY512230_ 01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	SCR	Fecal Coliform	Source Unknown
Fox Creek 0.0 to 10.1	10.1 miles	KY512230_ 01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Natural Sources
Fox Creek 20.1 to 22.7	2.6 miles	KY512230_ 03	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Dredging (e.g., for Navigation Channels); Natural Sources; Silviculture Activities
Fox Creek 20.1 to 22.7	2.6 miles	KY512230_ 03	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Sedimentation/ Siltation	Dredging (e.g., for Navigation Channels); Natural Sources; Silviculture Harvesting
Fox Creek 10.1 to 16.0	5.9 miles	KY512230_ 02	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Cause Unknown	Source Unknown
Fox Run 0.0 to 1.1	1.1 miles	KY492415_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR; SCR; WAH	рН	Coal Mining
Fox Run 0.0 to 1.1	1.1 miles	KY492415_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
Fox Run 0.0 to 1.1	1.1 miles	KY492415_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Iron	Coal Mining; Petroleum/Natural Gas Activities
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Frasure Creek 0.0 to 5.2	5.2 miles	KY492468_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Froman Creek 0.0 to 1.25	1.25 miles	KY492574_ 01	River	Salt/Licking	Salt River	05140102	Nelson	5-NS	PCR	Escherichia coli	Agriculture; Non-Point Source; Unrestricted Cattle Access
Frozen Creek 0.0 to 13.9	13.9 miles	KY492582_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation
Garner Cr 0.0 to 1.8	1.8 miles	KY492710_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing; Silviculture Harvesting
Georges Creek 0.0 to 2.9	2.9 miles	KY492787_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Lawrence	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Source Unknown
Georges Creek 0.0 to 2.9	2.9 miles	KY492787_ 01	River	Sandy/ Tygarts	Big Sandy Biver	05070203	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Sand/Gravel/Rock Mining or Quarries

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Georges Creek 0.0 to 2.9	2.9 miles	KY492787_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Lawrence	5-PS	WAH	Specific Conductance	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source
Gilbert Creek 1.7 to 3.5	1.8 miles	KY492817_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Gilles Ditch 0.0 to 5.4	5.4 miles	KY501760- 3.5_00	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Cause Unknown	Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Gilmore Creek 0.0 to 5.9	5.9 miles	KY492855_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Lincoln	5-PS	WAH	Sedimentation/ Siltation	Channelization
Glens Fork 0.0 to 7.1	7.1 miles	KY492907_ 00	River	Green/ Tradewater	Green River	05110001	Adair	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Managed Pasture Grazing
Goodin Creek 2.1 to 2.6	0.5 miles	KY492978_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
Goodman Springs (9000- 0230)	1 miles	KY499512- 59.65 00	Spring	Green/ Tradewater	Green River	05110001	Hardin	5-NS	PCR	Escherichia coli	Source Unknown
Goose Creek 0.0 to 1.85	1.8 miles	KY493013_ 01	River	Kentucky	Kentucky River	05100205	Shelby	5-PS	WAH	Cause Unknown	Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)
Goose Creek 0.0 to 1.85	1.8 miles	KY493013_ 01	River	Kentucky	Kentucky River	05100205	Shelby	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)
Goose Creek 0.0 to 1.9	1.9 miles	KY493006_ 00	River	Salt/Licking	Ohio River	05090201	Bracken	5-PS	WAH	Cause Unknown	Natural Sources; Surface Mining

Waterbody &	Total	Waterbody	Water	Matauska al	Basin ⁽¹⁾	8-Digit	Osurtu	Cate-		lana sina sa t	
Segment	Size	ID	Туре	Watershed		HUC	County	gory	Use	Impairment	Suspected Source(s)
Goose Creek 0.0 to 2.2	2.2 miles	KY493011_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Cause Unknown	Source Unknown
Goose Creek 0.0 to 2.2	2.2 miles	KY493011_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation
Goose Creek 0.0 to 2.2	2.2 miles	KY493011_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Goose Creek 0.0 to 2.2	2.2 miles	KY493011_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Goose Creek 0.0 to 4.4	4.4 miles	KY493008_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat
Goose Creek 0.0 to 8.3	8.3 miles	KY512349_ 01	River	Kentucky	Kentucky River	05100203	Clay	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Goose Creek 0.3 to 3.6	3.3 miles	KY493014_ 01	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Goose Creek 0.3 to 3.6	3.3 miles	KY493014_ 01	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Goose Creek 0.3 to 3.6	3.3 miles	KY493014_ 01	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Goose Creek 1.85 to 4.2	2.35 miles	KY493013_ 02	River	Kentucky	Kentucky River	05100205	Shelby	5-PS	WAH	Cause Unknown	Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Goose Creek 3.6 to 13.0	9.4 miles	KY493014_ 02	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Source Unknown
Goose Creek 3.6 to 13.0	9.4 miles	KY493014_ 02	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Goose Creek 3.6 to 13.0	9.4 miles	KY493014_ 02	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Goose Pond Ditch 0.0 to 9.55	9.55 miles	KY512350_ 01	River	Green/ Tradewater	Ohio River	05140203	Union	5-NS	WAH	Cause Unknown	Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Goren Mill Spring (9000- 0793)	1 miles	KY493284- 226.7_00	Spring	Green/ Tradewater	Green River	05110001	Hart	5-NS	PCR	Escherichia coli	Source Unknown
Goren Mill Spring (9000- 0793)	1 miles	KY493284- 226.7_00	Spring	Green/ Tradewater	Green River	05110001	Hart	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Graham Spring (9000-0051)	1 miles	KY517526- 34.65_00	Spring	Green/ Tradewater	Green River	05110002	Warren	5-PS	PCR	Escherichia coli	Source Unknown
Graham Spring (9000-0051)	1 miles	KY517526- 34.65_00	Spring	Green/ Tradewater	Green River	05110002	Warren	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Grapevine Creek 0.0 to 1.1	1.1 miles	KY512371_ 00	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Grapevine Creek 0.0 to 1.1	1.1 miles	KY512371_ 00	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
Grapevine Creek 0.0 to 1.1	1.1 miles	KY512371_ 00	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Grassy Branch 0.0 to 0.55	0.55 miles	KY512376_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Jackson	5-NS	PCR	Fecal Coliform	Package Plant or Other Permitted Small Flows Discharges
Grassy Creek 2.1 to 4.4	2.3 miles	KY493149_ 00	River	Green/ Tradewater	Green River	05110004	Ohio	5-NS	WAH	Sedimentation/ Siltation	Channelization; Dredging (e.g., for Navigation Channels); Loss of Riparian Habitat; Surface Mining
Grassy Creek 4.6 to 10.0 Grassy Creek	5.4 miles 5.4	KY512382_ 01 KY512382	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators Sedimentation/	Source Unknown Crop Production (Crop
4.6 to 10.0	miles	01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Siltation	Land or Dry Land)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Grayson Lake	1512 acres	KY493224_ 00	Fresh- water Reser- voir	Sandy/ Tygarts	Little Sandy River	05090104	Carter	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Greasy Creek 0.0 to 4.7	4.7 miles	KY493231_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Greasy Creek 0.0 to 4.7	4.7 miles	KY493231_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Greasy Creek 0.0 to 4.7	4.7 miles	KY493231_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Coal Mining
Green Creek 0.0 to 8.15	8.15 miles	KY493267_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Specific Conductance	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Non-Point Source
Green Creek 8.45 to 9.7	1.25 miles	KY493267_ 02	River	Salt/Licking	Licking River	05100102	Clark	5-PS	WAH	Specific Conductance	Agriculture; Loss of Riparian Habitat; Non- Point Source
Green River 210.5 to 250.3	39.8 miles	KY493284_ 07	River	Green/ Tradewater	Green River	05110001	Hart	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Green River 283.3 to 309.0	25.7 miles	KY493284_ 12	River	Green/ Tradewater	Green River	05110001	Taylor	5-NS	PCR	Fecal Coliform	Source Unknown
Green River 71.9 to 94.4	22.5 miles	KY493284_ 04	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	PCR	Fecal Coliform	Source Unknown
Green River Reservoir	8210 acres	KY493295_ 00	Fresh- water Reser- voir	Green/ Tradewater	Green River	05110001	Taylor	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Green River Reservoir	8210 acres	KY493295_ 00	Fresh- water Reser- voir	Green/ Tradewater	Green River	05110001	Taylor	5-PS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Groves Creek 0.0 to 6.4	6.4 miles	KY493444_ 00	River	Green/ Tradewater	Green River	05110005	Webster	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Guess Creek 0.0 to 2.6	2.6 miles	KY493458_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Livingston	5-PS	WAH	Cause Unknown	Source Unknown
Guist Creek 15.7 to 28.0	12.3 miles	KY493463_ 02	River	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater; Upstream Impoundments (e.g., PI- 566 NRCS Structures)
Guist Creek 15.7 to 28.0	12.3 miles	KY493463_ 02	River	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Lans); Unspecified Urban Stormwater
Guist Creek Lake	317 acres	KY493464_ 00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140102	Shelby	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Guist Creek Lake	317 acres	KY493464_ 00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Guist Creek Lake	317 acres	KY493464_ 00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas)
Guist Creek Lake	317 acres	KY493464_ 00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Oxygen, Dissolved	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas)
Gunpowder Creek 0.0 to 15.0	15 miles	KY493502_ 01	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment)

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Gunpowder Creek 15.4 to 17.1	1.7 miles	KY493502_ 02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Site Clearance (Land Development or Redevelopment); Unspecified Urban Stormwater
Gunpowder Creek 15.4 to 17.1	1.7 miles	KY493502_ 02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Unspecified Urban Stormwater
Gunpowder Creek 15.4 to 17.1	1.7 miles	KY493502_ 02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/ Destabilization; Unspecified Urban Stormwater
Gunpowder Creek 18.9 to 21.6	2.7 miles	KY493502_ 03	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Cause Unknown	Unspecified Urban Stormwater
Hall Fork 0.0 to 2.0	2 miles	KY493584_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Iron	Coal Mining; Petroleum/Natural Gas Activities
Hall Fork 0.0 to 2.0	2 miles	KY493584_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Hall Fork 0.0 to 2.0	2 miles	KY493584_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Halls Creek 4.8 to 9.6	4.8 miles	KY493602_ 01	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Halls Creek 4.8 to 9.6	4.8 miles	KY493602_ 01	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production; Silviculture Activities; Woodlot Site Management
Hancock Creek 4.3 to 7.6	3.3 miles	KY493672_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Golf Courses; Non-Point Source; Residential Districts; Urban Runoff/Storm Sewers
Hancock Creek 4.3 to 7.6	3.3 miles	KY493672_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Specific Conductance	Agriculture; Golf Courses; Non-Point Source; Urban Runoff/Storm Sewers
Hancock Creek 4.3 to 7.6	3.3 miles	KY493672_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR; SCR; WAH	рН	Source Unknown
Hardins Creek 0.0 to 11.4	11.4 miles	KY493728_ 01	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Hardins Creek 0.0 to 11.4	11.4 miles	KY493728_ 01	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Hardins Creek 0.0 to 11.4	11.4 miles	KY493728_ 01	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Hardins Creek 13.3 to 22.9	9.6 miles	KY493729_ 02	River	Salt/Licking	Salt River	05140103	Marion	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access
Hardins Creek 13.3 to 22.9	9.6 miles	KY493729_ 02	River	Salt/Licking	Salt River	05140103	Marion	5-PS	WAH	Phosphorus (Total)	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access

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

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit	Quanta	Cate-		lana sina sa t	
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Harris Branch 0.25 to 0.6	0.35 miles	KY493796_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Specific Conductance	Impacts from Abandoned Mine Lands (Inactive)
Harrods Creek 0.0 to 3.2	3.2 miles	KY493826_ 01	River	Salt/Licking	Salt River	05140101	Oldham	5-PS	PCR	Fecal Coliform	Highway/Road/Bridge Runoff (Non-construction Related); Municipal (Urbanized High Density Area); Package Plant or Other Permitted Small Flows Discharges
Harrods Creek 0.0 to 3.2	3.2 miles	KY493826_ 01	River	Salt/Licking	Salt River	05140101	Oldham	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal (Urbanized High Density Area)
Haskell Branch 1.2 to 4.5	3.3 miles	KY493854_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Hatchell Branch 0.0 to 1.0	1 miles	KY512583_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	5-PS	WAH	Sedimentation/ Siltation	Silviculture Activities
Hatton Creek 0.0 to 4.2	4.2 miles	KY512588_ 00	River	Kentucky	Kentucky River	05100204	Powell	5-PS	WAH	Cause Unknown	Source Unknown
Havana Creek 0.0 to 2.0	2.0 miles	KY493874_ 00	River	Green/ Tradewater	Green River	05110005	Webster	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Hawes Fork 0.0 to 4.4	4.4 miles	KY493879_ 00	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Hawes Fork	4.4	KY493879_			Kentucky					Total Dissolved	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface
0.0 to 4.4	miles	00	River	Kentucky	River	05100201	Breathitt	5-NS	WAH	Solids	Mining

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

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Hematite Lake	85 acres	KY494017_ 00	Fresh- water Reser- voir	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Oxygen, Dissolved	Source Unknown
Herrington Lake	2940 acres	KY494090_ 01	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Garrard	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Herrington Lake	2940 acres	KY494090_ 01	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Garrard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Internal Nutrient Recycling; Municipal Point Source Discharges; Non- irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Herrington Lake	2940 acres	KY494090_ 01	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Garrard	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Internal Nutrient Recycling; Municipal Point Source Discharges; Non- irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Hickman Creek 6.0 to 25.5	19.5 miles	KY494112_ 02	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges
Hickman Creek 6.0 to 25.5	19.5 miles	KY494112_ 02	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Hickman Creek 0.0 to 6.0	6 miles	KY494112_ 01	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Highland Creek 0.0 to 7.6	7.6 miles	KY494210_ 01	River	Green/ Tradewater	Ohio River	05140202	Union	5-PS	WAH	Cause Unknown	Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Highland Creek 0.0 to 7.6	7.6 miles	KY494210_ 01	River	Green/ Tradewater	Ohio River	05140202	Union	5-NS	PCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat
Highland Creek 7.6 to 21.4	13.8 miles	KY494210_ 02	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	PCR	Fecal Coliform	Agriculture
Highland Creek 7.6 to 21.4	13.8 miles	KY494210_ 02	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	SCR	Fecal Coliform	Agriculture
Highland Creek 7.6 to 21.4	13.8 miles	KY494210_ 02	River	Green/ Tradewater	Ohio River	05140202	Henderson	5-NS	WAH	Iron	Coal Mining (Subsurface); Petroleum/Natural Gas Activities
Hinkston Creek 0.0 to 12.6	12.6 miles	KY494298_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Source Unknown
Hinkston Creek 20.8 to 31.0	10.2 miles	KY494298_ 03	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Hinkston Creek 41.8 to 49.1	7.3 miles	KY494298_ 05	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Fecal Coliform	Agriculture
Hinkston Creek 41.8 to 49.1	7.3 miles	KY494298_ 05	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Hinkston Creek 51.5 to 65.9	14.4 miles	KY494298_ 06	River	Salt/Licking	Licking River	05100102	Montgomery	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Hinkston Creek 51.5 to 65.9	14.4 miles	KY494298_ 06	River	Salt/Licking	Licking River	05100102	Montgomery	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones
Hite Creek 0.0 to 5.5	5.5 miles	KY494313_ 00	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Cause Unknown	Municipal Point Source Discharges
Holly Creek 0.0 to 6.2	6.2 miles	KY494406_ 01	River	Kentucky	Kentucky River	05100201	Wolfe	5-PS	WAH	Cause Unknown	Source Unknown

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Holly Creek 0.0 to 6.2	6.2 miles	KY494406_ 01	River	Kentucky	Kentucky River	05100201	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Surface Mining
Hood Creek 0.0 to 3.6	3.6 miles	KY494493_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Cause Unknown	Landfills; Silviculture Activities; Surface Mining; Unspecified Urban Stormwater
Hood Creek 0.0 to 3.6	3.6 miles	KY494493_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills; Unspecified Urban Stormwater
Hood Creek 0.0 to 3.6	3.6 miles	KY494493_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Landfills; Silviculture Activities; Surface Mining; Unspecified Urban Stormwater
Hoods Creek 0.0 to 6.3	6.3 miles	KY494496_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat; Non- Point Source
Hoods Creek 0.0 to 6.3	6.3 miles	KY494496_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	SCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat; Non- Point Source
Hoods Creek 0.0 to 6.3	6.3 miles	KY494496_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Non-Point Source
Hoods Creek 0.0 to 6.3	6.3 miles	KY494496_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Specific Conductance	Agriculture; Non-Point Source
Horse Creek 0.0 to 8.3	8.3 miles	KY512793_ 01	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Surface Mining
Horsepen Fork 0.0 to 1.2	1.2 miles	KY494597_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Cause Unknown	Source Unknown
Houston Creek 0.0 to 9.0	9 miles	KY494646_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Fecal Coliform	Source Unknown

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Houston Creek 9.0 to 12.7	3.7 miles	KY494646_ 02	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Golf Courses
Howard Branch 0.0 to 2.0	2 miles	KY494651_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non- Point Source; Rural (Residential Areas); Streambank Modifications/ Destabilization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
				j							
Humphrey Creek 0.0 to 3.4	3.4 miles	KY494758_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	Ballard	5-PS	WAH	Cause Unknown	Source Unknown
Humphrey Creek 3.4 to 11.2	7.8 miles	KY494758_ 02	River	Tenn/Miss/ Cumberland	Ohio River	05140206	Ballard	5-PS	PCR	Fecal Coliform	Source Unknown
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Iron	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	PCR; SCR; WAH	рН	Coal Mining; Source Unknown
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Specific Conductance	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Total Dissolved Solids	Coal Mining
Hurricane Creek 0.0 to 1.8	1.8 miles	KY494821_ 01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Zinc	Coal Mining

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Hurricane Creek 0.0 to 3.7	3.7 miles	KY494824_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Sedimentation/ Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-irrigated Crop Production
Hurricane Fork 0.0 to 2.2	2.2 miles	KY494833_ 01	River	Sandy/ Tygarts	Little Sandy River	05090103	Boyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-Point Source
Hurricane Fork 0.0 to 2.2	2.2 miles	KY494833_ 01	River	Sandy/ Tygarts	Little Sandy River	05090103	Boyd	5-NS	WAH	Sedimentation/ Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source
Ice Dam Creek 0.0 to 0.4	0.4 miles	KY494876_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Post- development Erosion and Sedimentation; Unspecified Urban Stormwater
Ice Dam Creek 0.0 to 0.4	0.4 miles	KY494876_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Nitrogen (Total)	Industrial Point Source Discharge; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater

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

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Ice Dam Creek 0.4 to 2.4	2 miles	KY494876_ 02	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Unspecified Urban Stormwater
Indian Camp Creek 0.1 to 3.1	3 miles	KY494914_ 01	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
Indian Camp Creek 0.1 to 3.1	3 miles	KY494914_ 01	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Oxygen, Dissolved	Package Plant or Other Permitted Small Flows Discharges
Indian Camp Creek 0.1 to 3.1	3 miles	KY494914_ 01	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification
Indian Camp Creek 3.1 to 10.4	7.3 miles	KY494914_ 02	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat; Non- Point Source
Indian Camp Creek 3.1 to 10.4	7.3 miles	KY494914_ 02	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Non- Point Source
Indian Creek 0.0 to 3.5	3.5 miles	KY494929_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Oxygen, Dissolved	Package Plant or Other Permitted Small Flows Discharges

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Indian Creek	3.5	KY494929		Sandy/	Big Sandy			30.)		Sedimentation/	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Post- development Erosion and Sedimentation; Streambank Modifications/ Destabilization; Surface
0.0 to 3.5	miles	01	River	Tygarts	River	05070202	Pike	5-PS	WAH	Siltation	Mining
Indian Creek 0.0 to 3.5	3.5 miles	KY494929_ 01	River	Sandy/	Big Sandy River	05070202	Pike	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Streambank Modifications/ Destabilization; Surface Mining
Indian Creek	4.2	KY494919	River	Tygarts Tenn/Miss/	Upper	05070202	Ріке	5-62	WAR	Cause	Dredging (e.g., for
0.0 to 4.2	miles	00	River	Cumberland	Cumberland	05130103	Pulaski	5-PS	WAH	Unknown	Navigation Channels)
Indian Creek	4.5	KY512903	1 11 101	Tenn/Miss/	Upper	00100100		0.0		Sedimentation/	
0.0 to 4.5	miles	01	River	Cumberland	Cumberland	05130102	Jackson	5-PS	WAH	Siltation	Loss of Riparian Habitat
Irishman Creek 0.0 to 4.3	4.3 miles	KY495004_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-PS	PCR	Escherichia coli	Unspecified Domestic Waste
Irishman Creek 0.0 to 4.3	4.3 miles	KY495004_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining
Irishman Creek 0.0 to 4.3	4.3 miles	KY495004_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining; Surface Mining
Isaacs Creek 0.0 to 7.3	7.3 miles	KY495035_ 00	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	PCR; SCR; WAH	рН	Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)
Isaacs Creek 0.0 to 7.3	7.3 miles	KY495035_ 00	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Acid Mine Drainage; Impacts from Abandoned Mine Lands (Inactive)
Island Creek 0.0 to 1.7	1.7 miles	KY495044_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Sedimentation/ Siltation	Surface Mining

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Island Creek 0.0 to 1.7	1.7 miles	KY495044_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Island Creek 0.0 to 5.7	5.7 miles	KY495045_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-NS	PCR	Fecal Coliform	Source Unknown
Island Creek 0.0 to 5.7	5.7 miles	KY495045_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Island Creek 5.7 to 10.1	4.4 miles	KY495045_ 02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	5-PS	WAH	Cause Unknown	Source Unknown
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Cause Unknown	Source Unknown
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Jacks Creek 0.0 to 4.4	4.4 miles	KY495089_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Jacobs Fork 3.6 to 5.7	2.1 miles	KY495138_ 02	River	Sandy/ Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Sedimentation/ Siltation	Channelization; Dredge Mining; Dredging (e.g., for Navigation Channels); Managed Pasture Grazing Non-irrigated Crop
Jacobs Fork 0.0 to 2.05	2.05 miles	KY495138_ 01	River	Sandy/ Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Cause Unknown	Production; Source Unknown; Unrestricted Cattle Access

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Jacobs Fork 0.0 to 2.05	2.05 miles	KY495138_ 01	River	Sandy/ Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Unrestricted Cattle Access
Jarrels Creek 0.0 to 1.8	1.8 miles	KY495175_ 00	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown
Jarrels Creek 0.0 to 1.8	1.8 miles	KY495175_ 00	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels); Habitat Modification - Other than Hydromodification; Source Unknown
Jarret Fork 0.0 to 1.1	1.1 miles	KY495176_ 00	River	Green/ Tradewater	Green River	05110004	Grayson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Upstream Impoundments (e.g., PI- 566 NRCS Structures)
											Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Upstream Impoundments
Jarret Fork 0.0 to 1.1	1.1 miles	KY495176_ 00	River	Green/ Tradewater	Green River	05110004	Grayson	5-NS	WAH	Sedimentation/ Siltation	(e.g., PI-566 NRCS Structures)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Jenny Hollow Branch 0.0 to 2.4	2.4 miles	KY495212_ 00	River	Green/ Tradewater	Green River	05110004	Ohio	5-NS	WAH	Sedimentation/ Siltation	Channelization; Dredging (e.g., for Navigation Channels); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Jennys Branch 0.0 to 6.0	6 miles	KY512993_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	5-PS	WAH	Sedimentation/ Siltation	Silviculture Harvesting; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers
Jennys Creek 5.3 to 10.8	5.5 miles	KY495218_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	WAH	Sedimentation/ Siltation	Sand/Gravel/Rock Mining or Quarries; Site Clearance (Land Development or Redevelopment); Surface Mining
Jenny's Creek 0.0 to 3.1	3.1 miles	KY495218_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat
Jenny's Creek 0.0 to 3.1	3.1 miles	KY495218_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Specific Conductance	Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat
Jeptha Creek 0.0 to 0.7	0.7 miles	KY495221_ 00	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Jeptha Creek 0.0 to 0.7	0.7 miles	KY495221_ 00	River	Salt/Licking	Salt River	05140102	Shelby	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Joes Branch 0.0 to 4.4	4.4 miles	KY495307_ 00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Cause Unknown	Source Unknown
Joes Run 0.0 to 4.8	4.8 miles	KY495312_ 00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Cause Unknown	Source Unknown
Johns Branch 0.0 to 1.6	1.6 miles	KY495341_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation
Johns Branch 0.0 to 1.6	1.6 miles	KY495341_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Johns Branch 0.0 to 1.6	1.6 miles	KY495341_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Johns Creek 0.0 to 5.8	5.8 miles	KY495347_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Impacts from Hydrostructure Flow Regulation/Modification; Sand/Gravel/Rock Mining or Quarries; Surface Mining; Upstream Impoundments (e.g., Pl- 566 NRCS Structures)
Johns Creek 0.0 to 5.8	5.8 miles	KY495347_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Specific Conductance	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Johns Creek 0.0 to 5.8	5.8 miles	KY495347_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Total Dissolved Solids	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Johns Creek 24.0 to 30.65	6.65 miles	KY495347_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Waterbody &	Total	Waterbody	Water	Matauria al	Basin ⁽¹⁾	8-Digit	Ocurrtu	Cate-	Line	luce character	
Segment	Size	ID	Туре	Watershed		HUC	County	gory	Use	Impairment	Suspected Source(s)
Johns Creek	6.65	KY495347_		Sandy/	Big Sandy					Sedimentation/	
24.0 to 30.65	miles	02	River	Tygarts	River	05070203	Pike	5-PS	WAH	Siltation	Surface Mining
Johns Creek	6.65	KY495347_		Sandy/	Big Sandy					Specific	
24.0 to 30.65	miles	02	River	Tygarts	River	05070203	Pike	5-PS	WAH	Conductance	Surface Mining
Johns Creek 34.4 to 42.5	8.1 miles	KY495347_ 03	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining
Johns Creek	8.1	KY495347_		Sandy/	Big Sandy					Total Dissolved	
34.4 to 42.5	miles	03	River	Tygarts	River	05070203	Pike	5-NS	WAH	Solids	Surface Mining
Johnson Creek 0.0 to 0.9	0.9 miles	KY495398_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat; Non- Point Source
Johnson Creek	0.9	KY495398_									Agriculture; Loss of Riparian Habitat; Non-
0.0 to 0.9	miles	01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	SCR	Fecal Coliform	Point Source
Johnson Creek 0.0 to 0.9	0.9 miles	KY495398_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat; Non- Point Source
Johnson Creek 0.0 to 0.9	0.9 miles	KY495398_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-PS	WAH	Specific Conductance	Agriculture; Non-Point Source
Johnson Creek 0.0 to 3.1	3.1 miles	KY495397_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	PCR	Fecal Coliform	Source Unknown
Johnson Creek 0.0 to 3.1	3.1 miles	KY495397_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Coal Mining
Johnson Creek 6.0 to 8.6	2.6 miles	KY495397_ 02	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- Point Source; Rural (Residential Areas)
Johnson Fork 0.0 to 0.5	0.5 miles	KY495407_ 01	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Residential Districts
Johnson Fork 0.0 to 0.5	0.5 miles	KY495407_ 01	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Residential Districts

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Jonathan Creek 7.3 to 10.6	3.3 miles	KY495443_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040005	Calloway	5-PS	WAH	Cause Unknown	Source Unknown
Jones Creek 0.0 to 3.9	3.9 miles	KY495492_ 00	River	Salt/Licking	Salt River	05140103	Marion	5-PS	WAH	Cause Unknown	Source Unknown
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Iron	Coal Mining; Petroleum/Natural Gas Activities
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Nitrogen (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Phosphorus (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Sedimentation/ Siltation	Channelization; Coal Mining; Post-development Erosion and Sedimentation
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Jones Fork 0.0 to 9.9	9.9 miles	KY495499_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Judy Creek 0.0 to 1.5	1.5 miles	KY513089_ 01	River	Kentucky	Kentucky River	05100204	Powell	5-NS	WAH	Cause Unknown	Source Unknown
Keaton Fork 0.0 to 5.1	5.1 miles	KY495584_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Johnson	5-NS	WAH	Cause Unknown	Source Unknown
Keaton Fork 0.0 to 5.1	5.1 miles	KY495584_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Johnson	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-Point Source; Source Unknown
Kenady Creek 0.0 to 4.0	4 miles	KY495638_ 00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Cause Unknown	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Kennedy Creek 0.0 to 5.7	5.7 miles	KY495646_ 01	River	Salt/Licking	Licking River	05100101	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Livestock (grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
Kentucky River 0.3 to 11.5	11.2 miles	KY513130_ 01	River	Kentucky	Kentucky River	05100205	Owen	5-NS	FC	Methylmercury	Atmospheric Deposition - Toxics; Source Unknown
Kentucky River 121.1 to 138.5	17.4 miles	KY513130_ 08	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Kentucky River 153.75 to 209.8 Kentucky River	56.05 miles 13.75	KY513130_ 10 KY513130	River	Kentucky	Kentucky River Kentucky	05100204	Jessamine	5-PS	FC	Mercury in Fish Tissue Mercury in Fish	Source Unknown
53.2 to 66.95	miles	03	River	Kentucky	River	05100205	Franklin	5-PS	FC	Tissue	Source Unknown
Kentucky River 67.0 to 84.25	17.25 miles	KY513130_ 04	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Kentucky River 99.1 to 119.9	20.8 miles	KY513130_ 06	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Key Creek 0.0 to 1.9	1.9 miles	KY495709_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Cause Unknown	Source Unknown
Kilburn Fork 0.9 to 6.2	5.3 miles	KY513138_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Kincaid Lake	162 acres	KY2564275 _00	Fresh- water Reser- voir	Salt/Licking	Licking River	05100101	Pendleton	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Kincaid Lake	162 acres	KY2564275 _00	Fresh- water Reser- voir	Salt/Licking	Licking River	05100101	Pendleton	5-PS	WAH	Oxygen, Dissolved	Agriculture
Knob Creek 1.4 to 3.1	1.7 miles	KY495836_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010202	Graves	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Knoblick Creek 0.0 to 2.1	2.1 miles	KY495848_ 00	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Knoblick Creek	9.1 miles	KY495850_ 00	River	Green/ Tradewater	Green River	05110005	Webster	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Non-irrigated Crop Production; Rangeland Grazing
Knoblick Creek 0.0 to 9.1 Knoblick Creek	9.1 miles 9.1	KY495850_ 00 KY495850_	River	Green/ Tradewater Green/	Green River	05110005	Webster	5-NS	WAH	Sedimentation/ Siltation Total Dissolved	Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production Managed Pasture Grazing; Non-irrigated
0.0 to 9.1	miles	00	River	Tradewater	Green River	05110005	Webster	5-NS	WAH	Solids	Crop Production
Knox Creek 0.0 to 8.0	8 miles	KY495859_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-NS	FC	PCB in Fish Tissue	Upstream Source
Knox Creek 0.0 to 8.0	8 miles	KY495859_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown
Knox Creek 0.0 to 8.0	8 miles	KY495859_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Sedimentation/ Siltation	Channelization; Coal Mining
Knox Creek 0.0 to 8.0	8 miles	KY495859_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Specific Conductance	Coal Mining
Knox Creek 0.0 to 8.0	8 miles	KY495859_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Temperature, Water	Coal Mining; Habitat Modification - Other than Hydromodification; Source Unknown
Lacy Creek 0.0 to 7.25	7.25 miles	KY495895_ 01	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Surface Mining
Lake Cumberland	50250 acres	KY490483_ 00	Fresh- water Reser- voir	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Russell	5-PS	FC	Methylmercury	Atmospheric Deposition - Toxics

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Lake Jericho	137 acres	KY495230_ 00	Fresh- water Reser- voir	Salt/Licking	Ohio River	05140101	Henry	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Lake Jericho	137 acres	KY495230_ 00	Fresh- water Reser- voir	Salt/Licking	Ohio River	05140101	Henry	5-NS	WAH	Oxygen, Dissolved	Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Lake Luzerne	55 acres	KY497358_ 00	Fresh- water Reser- voir	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	DWS	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Lake Malone	826 acres	KY497476_ 00	Fresh- water Reser- voir	Green/ Tradewater	Green River	05110003	Logan	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Lake Reba	78 acres	KY501636_ 01	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Madison	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Golf Courses; Unspecified Urban Stormwater
Lake Reba	78 acres	KY501636_ 01	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Madison	5-PS	WAH	Oxygen, Dissolved	Golf Courses; Unspecified Urban Stormwater
Lambs Creek 0.0 to 3.3	3.3 miles	KY495942_ 00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Lambs Creek 0.0 to 3.3	3.3 miles	KY495942_ 00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Surface Mining
Lambs Creek 0.0 to 3.3	3.3 miles	KY495942_ 00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Total Dissolved Solids	Surface Mining
Laurel Creek 3.2 to 4.7	1.5 miles	KY513241_ 00	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing; Non-irrigated Crop Production

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Laurel Creek 3.65 to 5.1	1.45 miles	KY513239_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	5-PS	САН	Cause Unknown	Package Plant or Other Permitted Small Flows Discharges; Source Unknown
Laurel Creek 3.65 to 5.1	1.45 miles	KY513239_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	5-PS	САН	Sedimentation/ Siltation	Package Plant or Other Permitted Small Flows Discharges; Source Unknown
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Silviculture Activities
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Sewage Discharges in Unsewered Areas
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Silviculture Activities
Laurel Fork 5.8 to 15.9	10.1 miles	KY513259_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Turbidity	Dredging (e.g., for Navigation Channels); Silviculture Activities
Laurel Fork of Clear Fork 10.3 to 13.8	3.5 miles	KY496040_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Woodlot Site Clearance
Laurel Fork of Clear Fork 4.25 to 10.3	6.05 miles	KY496040_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Sedimentation/ Siltation	Silviculture Activities
Laurel River 33.95 to 44.7 Laurel River	10.75 miles 10.75	KY513263_ 04 KY513263	River	Tenn/Miss/ Cumberland Tenn/Miss/	Upper Cumberland	05130101	Laurel	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators Sedimentation/	Agriculture; Rural (Residential Areas)
33.95 to 44.7	miles	04	River	Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Sedimentation/	Agriculture

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Laurel River 0.9 to 2.2	1.3 miles	KY513263_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	CAH	Temperature, Water	Dam or Impoundment; Upstream Source
Laurel River 23.7 to 24.9	1.2 miles	KY513263_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Laurel River 26.35 to 33.95	7.6 miles	KY513263_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Non-Point Source
Laurel River 26.35 to 33.95	7.6 miles	KY513263_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Cause Unknown	Source Unknown
Laurel River 26.35 to 33.95	7.6 miles	KY513263_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Iron	Source Unknown
Leatherwood Creek 1.55 to 3.1	1.55 miles	KY496126_ 01	River	Kentucky	Kentucky River	05100202	Perry	5-PS	WAH	Cause Unknown	Source Unknown
Lees Creek 0.0 to 4.3	4.3 miles	KY496181_ 01	River	Salt/Licking	Licking River	05100101	Mason	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones
Lees Creek 0.0 to 4.3	4.3 miles	KY496181_ 01	River	Salt/Licking	Licking River	05100101	Mason	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Left Fork Beaver Creek 0.0 to 11.4	11.4 miles	KY496194_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Iron	Coal Mining; Petroleum/Natural Gas Activities
Left Fork Beaver Creek 0.0 to 11.4	11.4 miles	KY496194_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Coal Mining; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation; Unspecified Urban Stormwater
Left Fork Beaver Creek 0.0 to 11.4	11.4 miles	KY496194_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Left Fork Beaver Creek 0.0 to 11.4	11.4 miles	KY496194_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Left Fork Beaver Creek 13.55 to 18.7	5.15 miles	KY496194_ 03	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Left Fork Beaver Creek 13.55 to 18.7	5.15 miles	KY496194_ 03	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Urban Runoff/Storm Sewers
Left Fork Beaver Creek 13.55 to 18.7	5.15 miles	KY496194_ 03	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Left Fork Beaver Creek 11.4 to 13.55	2.15 miles	KY496194_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Left Fork Beaver Creek 18.7 to 28.6	9.9 miles	KY496194_ 04	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Left Fork Beaver Creek 18.7 to 28.6	9.9 miles	KY496194_ 04	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Left Fork Beaver Creek 18.7 to 28.6	9.9 miles	KY496194_ 04	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Left Fork Blaine Creek 0.0 to 2.1	2.1 miles	KY496199_ 00	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	PCR; SCR; WAH	рН	Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Left Fork Blaine Creek 0.0 to 2.1	2.1 miles	KY496199_ 00	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Inappropriate Waste Disposal
Left Fork Blaine Creek 0.0 to 2.1	2.1 miles	KY496199_ 00	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Inappropriate Waste Disposal
Left Fork Blaine Creek 0.0 to 2.1	2.1 miles	KY496199_ 00	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining
Left Fork Howard's Creek (Lft Fk Redwine Crk) 0.0 to 1.2	1.2 miles	KY496251_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Cause Unknown	Source Unknown
Left Fork Island Creek 0.0 to 5.0	5 miles	KY513314_ 00	River	Kentucky	Kentucky River	05100203	Owsley	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Left Fork Malachi Branch 0.0 to 0.7	0.7 miles	KY496239_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-PS	WAH	Cause Unknown	Source Unknown
Left Fork Middle Creek Levisa Fork 0.0 to 10.3	10.3 miles	KY496241_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	PCR	Fecal Coliform	Source Unknown
Left Fork Middle Creek Levisa Fork 0.0 to 10.3	10.3 miles	KY496241_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	PCR; SCR; WAH	рН	Surface Mining
Left Fork Middle Creek Levisa Fork 0.0 to 10.3	10.3 miles	KY496241_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	SCR	Fecal Coliform	Source Unknown

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Left Fork Middle Creek Levisa Fork 0.0 to 10.3	10.3 miles	KY496241_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Non-Point Source; Surface Mining
Left Fork Middle Creek Levisa Fork 0.0 to 10.3	10.3 miles	KY496241_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Surface Mining
Left Fork Millstone Creek 1.6 to 2.9	1.3 miles	KY496243_ 01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Left Fork Millstone Creek 1.6 to 2.9	1.3 miles	KY496243_ 01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Total Dissolved Solids	Surface Mining
Left Fork Millstone Creek 1.6 to 2.9	1.3 miles	KY496243_ 01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	PCR; SCR; WAH	pН	Surface Mining
Left Fork of Johnson Creek 0.0 to 3.15	3.15 miles	KY495397- 5.9_01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Non- Point Source
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Upstream Source
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Total Suspended Solids (TSS)	Coal Mining; Crop Production (Crop Land or Dry Land)
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Turbidity	Coal Mining; Crop Production (Crop Land or Dry Land)

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Left Fork White Oak Creek 0.0 to 1.8	1.8 miles	KY496271_ 00	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Left Fork White Oak Creek 0.0 to 1.8	1.8 miles	KY496271_ 00	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Levisa Fork 0.0 to 5.8	5.8 miles	KY496312_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Lawrence	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown
Levisa Fork 0.0 to 5.8	5.8 miles	KY496312_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Lawrence	5-NS	WAH	Specific Conductance	Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source
Levisa Fork 0.0 to 5.8	5.8 miles	KY496312_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Lawrence	5-NS	WAH	Total Suspended Solids (TSS)	Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source
Levisa Fork 118.8 to 127.7	8.9 miles	KY496312_ 08	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Sewage Discharges in Unsewered Areas

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Levisa Fork 118.8 to 127.7	8.9 miles	KY496312_ 08	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Levisa Fork 5.8 to 15.3	9.5 miles	KY496312_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Lawrence	5-PS	FC	Methylmercury	Source Unknown; Surface Mining
Levisa Fork 5.8 to 15.3	9.5 miles	KY496312_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Lawrence	5-PS	FC	Polychlorinated Biphenyls	Source Unknown
Levisa Fork 5.8 to 15.3	9.5 miles	KY496312_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Levisa Fork 5.8 to 15.3	9.5 miles	KY496312_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Lawrence	5-PS	WAH	Total Dissolved Solids	Surface Mining
Levisa Fork 31.4 to 54.7	23.3 miles	KY496312_ 04	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	PCR	Escherichia coli	Non-Point Source; Package Plant or Other Permitted Small Flows Discharges Coal Mining; Non-Point
Levisa Fork 31.4 to 54.7	23.3 miles	KY496312_ 04	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Source; Urban Runoff/Storm Sewers
Levisa Fork 31.4 to 54.7	23.3 miles	KY496312_ 04	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_ 06	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_ 06	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_ 06	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_ 06	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Oxygen, Dissolved	Package Plant or Other Permitted Small Flows Discharges
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_ 06	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Specific Conductance	Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers
Levisa Fork 65.2 to 98.0	32.8 miles	KY496312_ 06	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Total Suspended Solids (TSS)	Municipal (Urbanized High Density Area); Non-Point Source; Package Plant or Other Permitted Small Flows Discharges
Levisa Fork 98.0 to 101.25	3.25 miles	KY496312_ 07	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Urban Runoff/Storm Sewers
Lewis Creek 0.0 to 11.8	11.8 miles	KY496327_ 00	River	Green/ Tradewater	Green River	05110003	Ohio	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Surface Mining
Lewis Creek 0.0 to 3.5	3.5 miles	KY496324_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Municipal (Urbanized High Density Area)
Lewis Creek 0.0 to 3.5	3.5 miles	KY496324_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat; Municipal (Urbanized High Density Area)
Lewis Creek 0.0 to 3.5	3.5 miles	KY496324_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Municipal (Urbanized High Density Area)
Lick Branch 0.0 to 1.3	1.3 miles	KY496458_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Cause Unknown	Source Unknown

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Lick Branch 0.0 to 2.3	2.3 miles	KY496428_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non- Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Lick Creek 0.0 to 11.9	11.9 miles	KY496487_ 00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Lick Creek 0.0 to 2.15	2.15 miles	KY496483_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Impervious Surface/Parking Lot Runoff; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Rural (Residential Areas); Unrestricted Cattle Access; Wet Weather Discharges (Non-Point Source)
Lick Creek 0.0 to 2.2	2.2 miles	KY496478_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Lick Creek 0.0 to 2.2	2.2 miles	KY496478_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Oil and Grease	Source Unknown
Lick Creek 0.0 to 3.7	3.7 miles	KY496482_ 01	River	Green/ Tradewater	Green River	05110005	Henderson	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Lick Creek 0.0 to 5.4	5.4 miles	KY496473_ 01	River	Kentucky	Kentucky River	05100205	Carroll	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Unspecified Urban Stormwater
Lick Creek 0.0 to 5.4	5.4 miles	KY496473_ 01	River	Kentucky	Kentucky River	05100205	Carroll	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Post- development Erosion and Sedimentation; Unspecified Urban Stormwater
Lick Creek 0.00 to 3.65	6.7 miles	KY513397_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Source Unknown
Lick Creek 0.3 to 4.7	4.4 miles	KY496480_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source
Lick Creek 0.3 to 4.7	4.4 miles	KY496480_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Sedimentation/ Siltation	Channelization; Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat
Lick Creek 2.15 to 4.6	2.45 miles	KY496483_ 02	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Non- Point Source; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Lick Creek 5.0 to 13.8	8.8 miles	KY496482_ 02	River	Green/ Tradewater	Green River	05110005	Henderson	5-NS	WAH	Sedimentation/ Siltation	Channelization

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Lick Fork 0.0 to 5.2	5.2 miles	KY496506_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Managed Pasture Grazing; Post- development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries; Unspecified Urban Stormwater
Lick Fork 0.0 to 5.2	5.2 miles	KY496506_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Total Dissolved Solids	Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Sand/Gravel/Rock Mining or Quarries; Unspecified Urban Stormwater
Lick Fork 0.0 to 1.3	1.3 miles	KY513401_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	САН	Sedimentation/ Siltation	Surface Mining
Lick Fork 0.0 to 1.3	1.3 miles	KY513401_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	САН	Specific Conductance	Surface Mining
Lick Run Creek 0.0 to 3.5	3.5 miles	KY513414_ 01	River	Salt/Licking	Ohio River	05140104	Breckinridge	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing; Non-irrigated Crop Production
Lick Run Creek 0.0 to 3.5	3.5 miles	KY513414_ 01	River	Salt/Licking	Ohio River	05140104	Breckinridge	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones
Licking River 0.0 to 4.65	4.65 miles	KY513416_ 01	River	Salt/Licking	Licking River	05100101	Campbell	5-PS	PCR	Escherichia coli	Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers
Licking River 224.1 to 241.1	17 miles	KY513416_ 12	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Licking River 224.1 to 241.1	17 miles	KY513416_ 12	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	SCR	Fecal Coliform	Source Unknown
Licking River 224.1 to 241.1	17 miles	KY513416_ 12	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Cause Unknown	Source Unknown
Licking River 264.85 to 271.45	6.6 miles	KY513416_ 13	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Silviculture Activities; Silviculture Harvesting; Silviculture Reforestation
Licking River 264.85 to 271.45	6.6 miles	KY513416_ 13	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Urban Runoff/Storm Sewers; Wet Weather Discharges (Non-Point Source)
Licking River 264.85 to 271.45	6.6 miles	KY513416_ 13	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Turbidity	Silviculture Activities; Silviculture Harvesting; Silviculture Reforestation
Licking River 271.45 to 293.95	22.55 miles	KY513416_ 14	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Licking River 4.8 to 14.9	10.1 miles	KY513416_ 02	River	Salt/Licking	Licking River	05100101	Campbell	5-PS	PCR	Fecal Coliform	Source Unknown
Licking River 174.3 to 180.6	6.3 miles	KY513416_ 11	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	SCR	Fecal Coliform	Source Unknown
Licking River 249.55 to 264.85	15.3 miles	KY513416_ 12.5	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Specific Conductance	Source Unknown
Licking River 293.95 to 302.2	8.25 miles	KY513416_ 15	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Licking River 76.65 to 88.8	12.15 miles	KY513416_ 06	River	Salt/Licking	Licking River	05100101	Harrison	5-NS	PCR	Escherichia coli	Source Unknown

Waterbody &	Total Size	Waterbody ID	Water	Watershed	Basin ⁽¹⁾	8-Digit HUC	Country	Cate-		Impoirment	Suspected Source(s)
Segment			Туре	watershed	Dasiii	HUC	County	gory	Use	Impairment	Suspected Source(s)
Licking River 76.65 to 88.8	12.15 miles	KY513416_ 06	River	Salt/Licking	Licking River	05100101	Harrison	5-PS	SCR	Fecal Coliform	Source Unknown
Licking River 76.65 to 88.8	12.15 miles	KY513416_ 06	River	Salt/Licking	Licking River	05100101	Harrison	5-NS	WAH	Lead	Source Unknown
Lindy Creek 0.0 to 0.9	0.9 miles	KY496578_ 00	River	Green/ Tradewater	Green River	05110001	Hart	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Lindy Creek 0.0 to 0.9	0.9 miles	KY496578_ 00	River	Green/ Tradewater	Green River	05110001	Hart	5-PS	WAH	Sedimentation/ Siltation	Dredging (E.g., for Navigation Channels); Managed Pasture Grazing
Line Creek 2.3 to 5.5	3.2 miles	KY513433_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Pulaski	5-PS	WAH	Cause Unknown	Source Unknown
Line Fork 9.1 to 11.6	2.5 miles	KY513437_ 01	River	Kentucky	Kentucky River	05100201	Letcher	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Line Fork 11.6 to 27.5	15.9 miles	KY513437_ 02	River	Kentucky	Kentucky River	05100201	Letcher	5-PS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Sewage Discharges in Unsewered Areas
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-NS	FC	PCB in Fish Tissue	Inappropriate Waste Disposal; Industrial Point Source Discharge
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-NS	WAH	Beta particles and photon emitters	Inappropriate Waste Disposal; Industrial Point Source Discharge
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-NS	WAH	Cause Unknown	Inappropriate Waste Disposal; Industrial Point Source Discharge
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-NS	WAH	Copper	Inappropriate Waste Disposal; Industrial Point Source Discharge
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-NS	WAH	Gross Alpha	Inappropriate Waste Disposal; Industrial Point Source Discharge

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-NS	WAH	Lead	Inappropriate Waste Disposal; Industrial Point Source Discharge
Little Bayou de Chein 10.0 to 12.3	2.3 miles	KY496606_ 02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Fulton	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land)
Little Bayou de Chien 0.0 to 1.3	1.3 miles	KY496606_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat
Little Beaver Creek 0.0 to 3.3	3.3 miles	KY496612_ 01	River	Salt/Licking	Licking River	05100101	Harrison	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones
Little Beaver Creek 0.0 to 3.3	3.3 miles	KY496612_ 01	River	Salt/Licking	Licking River	05100101	Harrison	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Highway/Road/Bridge Runoff (Non-construction Related)
Little Beaverdam Creek 0.0 to 11.4	11.4 miles	KY496615_ 01	River	Green/ Tradewater	Green River	05110001	Warren	5-PS	WAH	Sedimentation/ Siltation	Silviculture Activities; Site Clearance (Land Development or Redevelopment)
Little Bee Creek 0.0 to 2.15	2.15 miles	KY496616_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Salinity	Source Unknown
Little Blackwater Creek 0.0 to 7.15	7.15 miles	KY513451_ 01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Cause Unknown	Source Unknown
Little Caney Creek 0.0 to 1.95	1.95 miles	KY513462_ 01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Cause Unknown	Source Unknown
Little Carr Fork 0.0 to 4.8	4.8 miles	KY496662_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Little Carr Fork 0.0 to 4.8	4.8 miles	KY496662_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed		HUC	County	gory	Use	Impairment	Suspected Source(s)
Little Carr Fork	4.8	KY496662_	D .		Kentucky	05400004		5 10		Total Dissolved	Mountaintop Mining;
0.0 to 4.8	miles	01	River	Kentucky	River	05100201	Knott	5-NS	WAH	Solids	Surface Mining
Little Clear Creek 0.0 to	10.9	KY496670		Tenn/Miss/	Linner					Sedimentation/	
10.9	miles	01	River	Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Siltation	Legacy Coal Extraction
Little Clear	THIES	01	nivei	Cumbenanu	Cumbenanu	03130101	Dell	5-113	WAL	Sillalion	
Creek 0.0 to	10.9	KY496670		Tenn/Miss/	Upper					Specific	
10.9	miles	01	River	Cumberland	Cumberland	05130101	Bell	5-NS	WAH	Conductance	Legacy Coal Extraction
10.0	111100	01	1 11 101	Cambonana	Cambonana	00100101	Doll	0110	•••	Conductance	
Little Clear											
Creek 0.0 to	10.9	KY496670_		Tenn/Miss/	Upper					Total Dissolved	
10.9	miles	01	River	Cumberland	Cumberland	05130101	Bell	5-NS	WAH	Solids	Legacy Coal Extraction
Little Creek	5.3	KY496690		Tenn/Miss/	Mississippi					Sedimentation/	Channelization; Loss of
0.0 to 5.3	miles	00	River	Cumberland	River	08010201	Hickman	5-NS	WAH	Siltation	Riparian Habitat
											Channelization; Golf
											Courses;
											Highway/Road/Bridge Runoff (Non-construction
											Related); Irrigated Crop
											Production; Non-irrigated
											Crop Production;
											Petroleum/Natural Gas
											Production Activities
Little Cypress											(Permitted); Surface
Creek 0.0 to	8.7	KY496701		Green/						Sedimentation/	Mining; Unspecified Urban
8.7	miles	01	River	Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Siltation	Stormwater
0							lineinerizeig	0.0		Cilduoti	Petroleum/Natural Gas
											Production Activities
Little Cypress											(Permitted); Surface
Creek 0.0 to	8.7	KY496701		Green/						Specific	Mining; Unspecified Urban
8.7	miles	01	River	Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Conductance	Stormwater
							ĺ				Petroleum/Natural Gas
											Production Activities
Little Cypress											(Permitted); Surface
Creek 0.0 to	8.7	KY496701_		Green/						Total Dissolved	Mining; Unspecified Urban
8.7	miles	01	River	Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Solids	Stormwater
Little Cypress											
Creek 3.4 to	2.6	KY496700_		Tenn/Miss/	Tennessee					Cause	
6.0	miles	02	River	Cumberland	River	06040006	Marshall	5-NS	WAH	Unknown	Source Unknown

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Little Cypress Creek 0.0 to 2.0	2 miles	KY496699_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Source Unknown
Little Cypress Creek 0.0 to 3.4	3.4 miles	KY496700_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	PCR	Fecal Coliform	Source Unknown
Little Cypress Creek 0.0 to 3.4	3.4 miles	KY496700_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-NS	WAH	Cause Unknown	Source Unknown
Little Cypress Creek 0.0 to 3.6	3.6 miles	KY496697_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production
Little Cypress Creek 8.7 to 10.1	1.4 miles	KY496701_ 02	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non-construction Related); Irrigated Crop Production; Non-irrigated Crop Production; Surface Mining; Unspecified Urban Stormwater
Little Cypress Creek 8.7 to 10.1	1.4 miles	KY496701_ 02	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Specific Conductance	Petroleum/Natural Gas Activities; Surface Mining; Unspecified Urban Stormwater
Little Cypress Creek 8.7 to 10.1	1.4 miles	KY496701_ 02	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater
Little Fork Little Sandy River 12.1 to 23.8	11.7 miles	KY496737_ 04	River	Sandy/ Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Surface Mining

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Little Fork Little Sandy River 23.8 to 27.7	3.9 miles	KY496737_ 05	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-NS	WAH	Sedimentation/ Siltation	Channelization; Managed Pasture Grazing; Non- irrigated Crop Production; Silviculture Harvesting
Little Fork Little Sandy River 27.7 to 30.5	2.8 miles	KY496737_ 06	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat
Little Fork Little Sandy River 27.7 to 30.5	2.8 miles	KY496737_ 06	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Temperature, Water	Loss of Riparian Habitat
Little Fork Little Sandy River 5.0 to 6.0	1 miles	KY496737_ 02	River	Sandy/ Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat
Little Fork Little Sandy River 5.0 to 6.0	1 miles	KY496737_ 02	River	Sandy/ Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Temperature, Water	Loss of Riparian Habitat
Little Fork Little Sandy River 6.0 to 12.1	6.1 miles	KY496737_ 03	River	Sandy/ Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
Little Fork Little Sandy River 6.0 to 12.1	6.1 miles	KY496737_ 03	River	Sandy/ Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Non- Point Source
Little Goose Creek 0.0 to 9.2	9.2 miles	KY496745_ 00	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	PCR	Fecal Coliform	Urban Runoff/Storm Sewers
Little Kentucky River 21.3 to 27.7	6.4 miles	KY496778_ 02	River	Salt/Licking	Ohio River	05140101	Henry	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Little Kentucky River 21.3 to 27.7	6.4 miles	KY496778_ 02	River	Salt/Licking	Ohio River	05140101	Henry	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Little Laurel River 12.7 to 14.8	2.1 miles	KY513497_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Fecal Coliform	Source Unknown
Little Laurel River 12.7 to 14.8	2.1 miles	KY513497_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Little Laurel River 12.7 to 14.8	2.1 miles	KY513497_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Little Laurel River 14.8 to 23.0	8.2 miles	KY513497_ 04	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Source Unknown
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-PS	PCR	Escherichia coli	Source Unknown
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Non-Point Source; Upstream Source
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Non-Point Source; Upstream Source
Little Laurel River 0.0 to 8.4	8.4 miles	KY513497_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Non-Point Source; Upstream Source
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Source Unknown

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Combined Sewer Overflows; Municipal Point Source Discharges
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Combined Sewer Overflows; Municipal Point Source Discharges
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Phosphorus (Total)	Combined Sewer Overflows; Municipal Point Source Discharges
Little Laurel River 8.4 to 12.7	4.3 miles	KY513497_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment)
Little Mayfield Creek 0.0 to 10.6	10.6 miles	KY496794_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Rural (Residential Areas)
Little Mayfield Creek 0.0 to 10.6	10.6 miles	KY496794_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Little Mud Creek 0.0 to 1.95	1.95 miles	KY496810_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Fulton	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Little Mud Creek 0.0 to 1.95	1.95 miles	KY496810_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Fulton	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Little Muddy Creek 6.6 to 12.9	6.3 miles	KY496814_ 02	River	Green/ Tradewater	Green River	05110002	Butler	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Little Muddy Creek 6.6 to 12.9	6.3 miles	KY496814_ 02	River	Green/ Tradewater	Green River	05110002	Butler	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Little Muddy Creek 5.2 to 6.6	1.4 miles	KY496814_ 01	River	Green/ Tradewater	Green River	05110002	Butler	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification
Little Paint Creek 3.2 to 6.5	3.3 miles	KY496821_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Forest Roads (Road Construction and Use); Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Post- development Erosion and Sedimentation
Little Paint Creek 6.5 to 11.6	5.1 miles	KY496821_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	PCR; SCR; WAH	рН	Surface Mining; Subsurface (Hardrock) Mining
Little Paint Creek 6.5 to 11.6	5.1 miles	KY496821_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Inappropriate Waste Disposal
Little Paint Creek 6.5 to 11.6	5.1 miles	KY496821_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Inappropriate Waste Disposal; Surface Mining
Little Paint Creek 6.5 to 11.6	5.1 miles	KY496821_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Inappropriate Waste Disposal; Surface Mining
Little Poplar Creek 0.0 to 2.8	2.8 miles	KY496830_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Non- irrigated Crop Production; Site Clearance (Land Development or Redevelopment)
Little Poplar Creek 3.1 to 4.4	1.3 miles	KY496830_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Legacy Coal Extraction; Loss of Riparian Habitat; Rural (Residential Areas)
Little Raccoon Creek 0.0 to 7.7	7.7 miles	KY513514_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-NS	PCR; SCR; WAH	рН	Legacy Coal Extraction

Waterbody &	Total	Waterbody	Water		- (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Little Raccoon											
Creek 0.0 to	7.7	KY513514_		Tenn/Miss/	Upper Oursels and a set	05100100	1		14/411	lus a	
7.7	miles	01	River	Cumberland	Cumberland	05130102	Laurel	5-NS	WAH	Iron	Legacy Coal Extraction
Little Raccoon				T () ()							
Creek 0.0 to 7.7	7.7	KY513514_	River	Tenn/Miss/	Upper Cumberland	05100100	Laural	5-NS	WAH	Mananana	Larger Cast Extraction
Little Raccoon	miles	01	River	Cumberland	Cumberland	05130102	Laurel	SUI-C	WAN	Manganese	Legacy Coal Extraction
Creek 0.0 to	7.7	KY513514		Tenn/Miss/	Upper					Total Dissolved	
7.7	niles	01	River	Cumberland	Cumberland	05130102	Laurel	5-NS	WAH	Solids	Legacy Coal Extraction
1.1	TIMES	01	nivei	Cumbenanu	Cumbenanu	03130102	Laurei	5-113	WAIT	Nutrient/	Legacy Coal Extraction
										Eutrophication	
Little River	5.8	KY496838		Tenn/Miss/	Lower					Biological	Agriculture; Dam or
15.3 to 21.1	miles	01	River	Cumberland	Cumberland	05130205	Trigg	5-PS	WAH	Indicators	Impoundment
Little River	5.8	KY496838		Tenn/Miss/	Lower			0.0		Sedimentation/	
15.3 to 21.1	miles	01	River	Cumberland	Cumberland	05130205	Trigg	5-PS	WAH	Siltation	Aariculture
Little River	9.5	KY496838		Tenn/Miss/	Lower						
21.1 to 30.6	miles	02	River	Cumberland	Cumberland	05130205	Trigg	5-PS	FC	Methylmercury	Source Unknown
										Nitrate/Nitrite	
Little River	9.5	KY496838		Tenn/Miss/	Lower					(Nitrite + Nitrate	Agriculture; Municipal
21.1 to 30.6	miles	02 -	River	Cumberland	Cumberland	05130205	Trigg	5-PS	WAH	as N)	Point Source Discharges
Little River	9.5	KY496838_		Tenn/Miss/	Lower					Phosphorus	Agriculture; Municipal
21.1 to 30.6	miles	02	River	Cumberland	Cumberland	05130205	Trigg	5-PS	WAH	(Total)	Point Source Discharges
Little River	9.5	KY496838_		Tenn/Miss/	Lower					Sedimentation/	Agriculture; Municipal
21.1 to 30.6	miles	02	River	Cumberland	Cumberland	05130205	Trigg	5-PS	WAH	Siltation	Point Source Discharges
										Nutrient/	
										Eutrophication	
Little River	1.3	KY496838_		Tenn/Miss/	Lower					Biological	
30.6 to 31.9	miles	03	River	Cumberland	Cumberland	05130205	Trigg	5-NS	WAH	Indicators	Agriculture
											Agriculture; Habitat
Little River	1.3	KY496838_	D .	Tenn/Miss/	Lower	05400005	- .	5 10		Sedimentation/	Modification - Other than
30.6 to 31.9	miles	03	River	Cumberland	Cumberland	05130205	Trigg	5-NS	WAH	Siltation	Hydromodification
										Nutrient/	
Little River	14.2	1/1/106900		Tenn/Miss/	Lower					Eutrophication	Agriculture; Crop
	niles	KY496838_ 04	River	Cumberland	Lower	05130205	Trigg	5-PS	WAH	Biological Indicators	Production (Crop Land or Dry Land)
31.9 to 46.1	miles	04	UNGI	Cumpenand	Cumberland	03130203	ingg	5-49	WAN	Organic	
										Enrichment	
										(Sewage)	
Little River	14.2	KY496838		Tenn/Miss/	Lower					Biological	Municipal Point Source
31.9 to 46.1	miles	04	River	Cumberland	Cumberland	05130205	Trigg	5-PS	WAH	Indicators	Discharges

Waterbody &	Total	Waterbody	Water		D (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s) Agriculture; Crop
Little River 31.9 to 46.1	14.2 miles	KY496838_ 04	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-PS	WAH	Sedimentation/ Siltation	Production (Crop Land or Dry Land); Municipal Point Source Discharges; Source Unknown
Little River 46.1 to 58.3	12.2 miles	KY496838_ 05	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Little River 46.1 to 58.3	12.2 miles	KY496838_ 05	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Little River 46.1 to 58.3	12.2 miles	KY496838_ 05	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Little Sandy River 0.15 to 0.3	0.15 miles	KY496857_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-NS	PCR	Fecal Coliform	Package Plant or Other Permitted Small Flows Discharges
Little Sandy River 12.1 to 20.1	8 miles	KY496857_ 03	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Sedimentation/ Siltation	Source Unknown; Upstream Source
Little Sandy River 72.7 to 75.5	2.8 miles	KY496857_ 06	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Little Smith Branch 0.3 to 1.4	1.1 miles	KY496864_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste
Little Smith Branch 0.3 to 1.4	1.1 miles	KY496864_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining
Little Smith Branch 0.3 to 1.4	1.1 miles	KY496864_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining; Surface Mining

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Little South Fork 0.0 to 4.4	4.4 miles	KY513527_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130104	Wayne	5-PS	WAH	Sedimentation/ Siltation	Coal Mining (Subsurface); Surface Mining
Little Stoner Creek 0.0 to 5.3	5.3 miles	KY496870_ 00	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Fecal Coliform	Source Unknown
Little Willard Greek 0.0 to 2.5	2.5 miles	KY513541_ 01	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Post- development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment); Streambank Modifications/ Destabilization; Surface Mining
Little Willard Creek 0.0 to 2.5	2.5 miles	KY513541_ 01	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Site Clearance (Land Development or Redevelopment); Surface Mining
Livingston Creek 4.65 to 7.1	2.45 miles	KY496913_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture
Livingston Creek 4.65 to 7.1	2.45 miles	KY496913_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Livingston Creek 11.6 to 15.5	3.9 miles	KY496913_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non- irrigated Crop Production
Livingston Creek 11.6 to 15.5	3.9 miles	KY496913_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	5-NS	WAH	Phosphorus (Total)	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non- irrigated Crop Production

Waterbody &	Total	Waterbody	Water		D (1)	8-Digit		Cate-			
Livingston Creek 11.6 to 15.5	Size 3.9 miles	ID KY496913_ 02	Type River	Watershed Tenn/Miss/ Cumberland	Basin ⁽¹⁾ Lower Cumberland	HUC 05130205	County	gory 5-NS	Use	Impairment Sedimentation/ Siltation	Suspected Source(s) Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non- irrigated Crop Production
Lockwood Creek 2.6 to 3.2	0.6 miles	KY496936_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-PS	WAH	Cause Unknown	Source Unknown
Lockwood Creek 2.6 to 3.2	0.6 miles	KY496936_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-Point Source; Source Unknown
Locust Creek 0.0 to 11.8	11.8 miles	KY496939_ 01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones
Locust Creek 0.0 to 11.8	11.8 miles	KY496939_ 01	River	Salt/Licking	Licking River	05100101	Fleming	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Locust Creek 0.0 to 4.1	4.1 miles	KY496941_ 01	River	Salt/Licking	Ohio River	05090201	Bracken	5-NS	PCR	Fecal Coliform	Source Unknown
Locust Creek 4.1 to 12.2	8.1 miles	KY496941_ 02	River	Salt/Licking	Ohio River	05090201	Bracken	5-NS	WAH	Cause Unknown	Source Unknown
Logan Run 0.0 to 2.3	2.3 miles	KY496986_ 00	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Long Branch 0.0 to 2.0	2 miles	KY497042_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Surface Mining
Long Branch 0.0 to 2.0	2 miles	KY497042_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Temperature, Water	Channelization; Loss of Riparian Habitat; Surface Mining
Long Branch 0.0 to 2.0	2 miles	KY497042_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Surface Mining

Waterbody &	Total	Waterbody	Water		(4)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Long Branch 0.0 to 3.9	3.9 miles	KY497039_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Long Branch 0.0 to 3.9	3.9 miles	KY497039_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Specific Conductance	Agriculture; Coal Mining; Mountaintop Mining; Non- Point Source; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Long Creek 0.0 to 3.3	3.3 miles	KY497096_ 01	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Petroleum/Natural Gas Activities
Long Falls Creek 0.0 to 7.6	7.6 miles	KY497098_ 01	River	Green/ Tradewater	Green River	05110005	McLean	5-NS	PCR	Fecal Coliform	Source Unknown
Long Falls Creek 0.0 to 7.6	7.6 miles	KY497098_ 01	River	Green/ Tradewater	Green River	05110005	McLean	5-PS	WAH	Sedimentation/ Siltation	Channelization; Irrigated Crop Production; Non- irrigated Crop Production; Surface Mining
Long Falls Creek 0.0 to 7.6	7.6 miles	KY497098_ 01	River	Green/ Tradewater	Green River	05110005	McLean	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Long Falls Creek 7.6 to 11.9	4.3 miles	KY497098_ 02	River	Green/ Tradewater	Green River	05110005	McLean	5-NS	PCR	Fecal Coliform	Loss of Riparian Habitat
Long Falls Creek 7.6 to 11.9	4.3 miles	KY497098_ 02	River	Green/ Tradewater	Green River	05110005	McLean	5-NS; 5-PS	PCR; SCR; WAH	рН	Acid Mine Drainage
Long Falls Creek 7.6 to 11.9	4.3 miles	KY497098_ 02	River	Green/ Tradewater	Green River	05110005	McLean	5-PS	WAH	Sedimentation/ Siltation	Acid Mine Drainage; Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Long Falls Creek 7.6 to 11.9	4.3 miles	KY497098_ 02	River	Green/ Tradewater	Green River	05110005	McLean	5-PS	WAH	Total Dissolved Solids	Acid Mine Drainage
Long Fork 0.0 to 4.6	4.6 miles	KY497111_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Long Fork 0.0 to 4.6	4.6 miles	KY497111_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Total Dissolved Solids	Surface Mining
Long Fork 0.0 to 1.4	1.4 miles	KY497103_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Cause Unknown	Non-Point Source; Source Unknown
Long Fork 0.4 to 7.5	7.1 miles	KY497109_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Specific Conductance	Coal Mining; Loss of Riparian Habitat; Non- Point Source
Long Lick Creek 0.0 to 10.5	10.5 miles	KY497124_ 01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access
Long Lick Creek 4.6 to 7.3	2.7 miles	KY497125_ 00	River	Green/ Tradewater	Green River	05110004	Breckinridge	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Long Lick Creek 4.6 to 7.3	2.7 miles	KY497125_ 00	River	Green/ Tradewater	Green River	05110004	Breckinridge	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat
Long Pond Branch 2.7 to 3.2	0.5 miles	KY497133_ 00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-NS	WAH	Sedimentation/ Siltation	Source Unknown
Long Run 0.0 to 9.9	9.9 miles	KY497142_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Lost Creek 0.0 to 3.7	3.7 miles	KY497178_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	PCR	Fecal Coliform	Source Unknown
Lost Creek 3.7 to 8.95	5.25 miles	KY497178_ 02	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization
Lost Creek 3.7 to 8.95	5.25 miles	KY497178_ 02	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization
Lost Creek 3.7 to 8.95	5.25 miles	KY497178_ 02	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Turbidity	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization
Lost River Rise	1	KY495207-		Green/							
(9000-0054)	miles	3.2_00	Spring	Tradewater	Green River	05110002	Warren	5-NS	PCR	Escherichia coli	Source Unknown
Lotts Creek 0.4 to 1.0	0.6 miles	KY497201_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment)

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Lotts Creek 1.2 to 6.0	4.8 miles	KY497201_ 02	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization
Lotts Creek 1.2 to 6.0	4.8 miles	KY497201_ 02	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization
Lotts Creek 1.2 to 6.0	4.8 miles	KY497201_ 02	River	Kentucky	Kentucky River	05100201	Perry	5-NS	WAH	Turbidity	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/ Destabilization
Lower Branch 3.4 to 9.3	5.9 miles	KY497263_ 00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Cause Unknown	Source Unknown
Lower Chloe Creek 0.0 to 1.5	1.5 miles	KY497270_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Sewers
Lower Chloe Creek 0.0 to 1.5	1.5 miles	KY497270_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-NS	WAH	Specific Conductance	Coal Mining; Urban Runoff/Storm Sewers
Lower Howard Creek 2.65 to 6.5	3.85 miles	KY497285_ 02	River	Kentucky	Kentucky River	05100205	Clark	5-NS	WAH	Cause Unknown	Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., PI-566 NRCS Structures)
Lower Howard Creek 2.65 to 6.5	3.85 miles	KY497285_ 02	River	Kentucky	Kentucky River	05100205	Clark	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., PI-566 NRCS Structures)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Lower Howard Creek 2.65 to 6.5	3.85 miles	KY497285_ 02	River	Kentucky	Kentucky River	05100205	Clark	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Livestock (Grazing or Feeding Operations); Source Unknown; Upstream Impoundments (e.g., PI-566 NRCS Structures)
Lower Laurel Fork 0.0 to 7.9	7.9 miles	KY497292_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Cause Unknown	Landfills; Silviculture Activities; Source Unknown; Surface Mining; Unspecified Urban Stormwater
Lower Laurel Fork 0.0 to 7.9	7.9 miles	KY497292_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Landfills; Unspecified Urban Stormwater
Lower Laurel Fork 0.0 to 7.9	7.9 miles	KY497292_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Landfills; Silviculture Activities; Source Unknown; Surface Mining; Unspecified Urban Stormwater
Lower Stinson Creek 0.0 to 1.1	1.1 miles	KY497300_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production
Lulbegrud Creek 0.0 to 7.3	7.3 miles	KY497344_ 01	River	Kentucky	Kentucky River	05100204	Clark	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Fecal Coliform	Source Unknown; Urban Runoff/Storm Sewers
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Oil and Grease	Other Spill Related Impacts; Source Unknown; Urban Runoff/Storm Sewers

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers
Lynn Camp Creek 0.04 to 3.45	3.41 miles	KY513739_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Total Suspended Solids (TSS)	Habitat Modification - Other than Hydromodification; Other Spill Related Impacts; Source Unknown; Urban Runoff/Storm Sewers
Lynn Camp Creek 4.5 to 10.5	6 miles	KY513739_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Non- irrigated Crop Production
Lynn Camp Creek 4.5 to 10.5	6 miles	KY513739_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Managed Pasture Grazing; Non- irrigated Crop Production; Site Clearance (Land Development or Redevelopment)
Lynn Fork 0.0 to 2.4	2.4 miles	KY497379_ 00	River	Green/ Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Mahurin Spring (9000-0202)	1 miles	KY504135- 4.35_00	Spring	Green/ Tradewater	Green River	05110004	Grayson	5-NS	PCR	Escherichia coli	Source Unknown
Marble Creek 0.05 to 3.9	3.85 miles	KY497527_ 01	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Cause Unknown	Source Unknown
Marble Creek 0.05 to 3.9	3.85 miles	KY497527_ 01	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Sedimentation/ Siltation	Streambank Modifications/ Destabilization
Marrowbone Creek 0.0 to 2.8	2.8 miles	KY497560_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	PCR	Escherichia coli	Non-Point Source
Marrowbone Creek 0.0 to 2.8	2.8 miles	KY497560_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Cause Unknown	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Marrowbone Creek 1.4 to 11.3	9.9 miles	KY497561_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Sedimentation/ Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining
Marrowbone Creek 1.4 to 11.3	9.9 miles	KY497561_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Marsh Creek 13.5 to 16.5	3 miles	KY513798_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	5-NS	WAH	Sedimentation/ Siltation	Silviculture Activities
Marsh Creek 19.0 to 24.1	5.1 miles	KY513798_ 04	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Coal Mining
Martins Fork 10.2 to 15.85	5.65 miles	KY497628_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Cause Unknown	Dam or Impoundment; Upstream Source
Martins Fork 10.2 to 15.85	5.65 miles	KY497628_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-NS	WAH	Temperature, Water	Dam or Impoundment; Upstream Source
Martins Fork 19.4 to 28.85	9.45 miles	KY497628_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-NS	PCR	Fecal Coliform	Source Unknown
Mash Fork 0.0 to 3.0	3 miles	KY497650_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Cause Unknown	Source Unknown
Massac Creek 3.9 to 4.4	0.5 miles	KY497670_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Sedimentation/ Siltation	Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat
Mayfield Creek 1.7 to 5.0	3.3 miles	KY497717_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Cause Unknown	Source Unknown
Mayfield Creek 35.7 to 37.7	2.0 miles	KY497717_ 07	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Sedimentation/ Siltation	Channelization
Mayfield Creek 59.5 to 61.9	2.4 miles	KY497717_ 12	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Calloway	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Mayfield Creek 10.65 to 16.0	5.35 miles	KY497717_ 02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-NS	PCR	Escherichia coli	Agriculture; Source Unknown

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed		HUC	County	gory	Use	Impairment	Suspected Source(s)
Mayfield Creek	5.35	KY497717_	D .	Tenn/Miss/	Mississippi	00010001		5 10		0	
10.65 to 16.0	miles	02	River	Cumberland	River	08010201	Carlisle	5-NS	WAH	Copper	Source Unknown
Mayfield Creek 10.65 to 16.0	5.35 miles	KY497717_ 02	River	Tenn/Miss/ Cumberland	Mississippi	08010201	Carlisle	5-NS	WAH	Iron	Source Unknown
			nivei		River	06010201	Carlisle	5-115	VV AN		
Mayfield Creek	5.35	KY497717_		Tenn/Miss/	Mississippi						
10.65 to 16.0	miles	02	River	Cumberland	River	08010201	Carlisle	5-NS	WAH	Lead	Source Unknown
										Nutrient/	
		10/107717								Eutrophication	
Mayfield Creek	5.35	KY497717_		Tenn/Miss/	Mississippi	00010001	Osulists	5 10	14/411	Biological	A suite state une
10.65 to 16.0	miles	02	River	Cumberland Tenn/Miss/	River	08010201	Carlisle	5-NS	WAH	Indicators Sedimentation/	Agriculture
Mayfield Creek 10.65 to 16.0	5.35 miles	KY497717_ 02	River	Cumberland	Mississippi River	08010201	Carlisle	5-NS	WAH	Sedimentation/	Agriculture
10.05 10 10.0	miles	02	nivei	Cumpenanu	nivei	06010201	Carlisle	5-115	VVAN	Sillalion	Agriculture;
Mayfield Creek	19.7	KY497717		Tenn/Miss/	Mississippi					Sedimentation/	Channelization; Loss of
16.0 to 35.7	miles	06	River	Cumberland	River	08010201	McCracken	5-NS	WAH	Siltation	Riparian Habitat
			1 11 101			00010201	Mooracitori	0 110		Ontation	- apartar - labitat
Mayfield Creek	2.7	KY497717_	D .	Tenn/Miss/	Mississippi			- 10			
37.7 to 40.4	miles	08	River	Cumberland	River	08010201	Graves	5-NS	PCR	Escherichia coli	Source Unknown
										Nutrient/	
Mayfield Creek	2.7	KY497717		Tenn/Miss/	Mississippi					Eutrophication Biological	Agriculture; Rural
37.7 to 40.4	z./ miles	08	River	Cumberland	River	08010201	Graves	5-NS	WAH	Indicators	(Residential Areas)
			1 11/01			00010201	Glaves	0110	••/		,
Mayfield Creek	2.7	KY497717_		Tenn/Miss/	Mississippi					Sedimentation/	Agriculture, Loss of
37.7 to 40.4	miles	08	River	Cumberland	River	08010201	Graves	5-NS	WAH	Siltation	Riparian Habitat
Mayfield Creek	2.9	KY497717		Tenn/Miss/	Mississippi					Sedimentation/	Channelization; Loss of
40.4 to 43.3	miles	09	River	Cumberland	River	08010201	Graves	5-NS	WAH	Siltation	Riparian Habitat
	7 05			Tenn/Miss/							
Mayfield Creek 51.65 to 59.5	7.85 miles	KY497717_ 11	River	Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Phosphorus (Total)	Agriculture; Loss of Riparian Habitat
51.05 10 59.5	THIES	11	nivei	Cumbenanu	nivei	00010201	Graves	J-F J	WAIT	Nutrient/	Ripanan Habitat
										Eutrophication	
McConnell Run	4.4	KY497799			Kentucky					Biological	
0.0 to 4.4	miles	00	River	Kentucky	River	05100205	Scott	5-PS	WAH	Indicators	Managed Pasture Grazing
McConnell Run	4.4	KY497799			Kentucky					Sedimentation/	
0.0 to 4.4	miles	00	River	Kentucky	River	05100205	Scott	5-PS	WAH	Siltation	Managed Pasture Grazing
МсСоу											
Bluehole											
Spring (9000-	1	KY493284-		Green/							
0792)	miles	212.7_00	Spring	Tradewater	Green River	05110001	Hart	5-NS	PCR	Escherichia coli	Source Unknown

Waterbody &	Total	Waterbody	Water		– (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
McCoys Fork 0.0 to 2.2	2.2 miles	KY497821_ 01	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
McGrady Creek 0.0 to 1.9	1.9 miles	KY497869_ 00	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
McNeely Lake	53 acres	KY497757_ 00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140102	Jefferson	5-NS	FC	Methylmercury	Source Unknown
Meadow Creek 0.0 to 7.4	7.4 miles	KY497981_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Surface Mining; Unrestricted Cattle Access
Meadow Creek 0.5 to 3.7	3.2 miles	KY513890_ 01	River	Kentucky	Kentucky River	05100203	Owsley	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production
Meathouse Fork 0.0 to 2.9	2.9 miles	KY498010_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Sedimentation/ Siltation	Coal Mining; Loss of Riparian Habitat; Non- Point Source
Meathouse Fork 0.0 to 2.9	2.9 miles	KY498010_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Specific Conductance	Coal Mining; Loss of Riparian Habitat; Non- Point Source
Meathouse Fork 0.0 to 2.9	2.9 miles	KY498010_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges
Meeting Creek 5.2 to 14.0	8.8 miles	KY498030_ 01	River	Green/ Tradewater	Green River	05110004	Hardin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land)
Meeting Creek 5.2 to 14.0	8.8 miles	KY498030_ 01	River	Green/ Tradewater	Green River	05110004	Hardin	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Mellins Branch 0.0 to 1.5	1.5 miles	KY498047_ 01	River	Salt/Licking	Salt River	05140101	Carroll	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Mellins Branch 0.0 to 1.5	1.5 miles	KY498047_ 01	River	Salt/Licking	Salt River	05140101	Carroll	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Site Clearance (Land Development or Redevelopment)
Metropolis Lake	36 acres	KY498089_ 00	Freshw ater Lake	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Internal Nutrient Recycling; Non-irrigated Crop Production; Rural (Residential Areas); Shallow Lake/Reservoir Basin
Metropolis Lake	36 acres	KY498089_ 00	Fresh- water Lake	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Oxygen, Dissolved	Internal Nutrient Recycling; Non-irrigated Crop Production; Rural (Residential Areas); Shallow Lake/Reservoir Basin
Middle Branch of North Fork of Little River 1.3 to 3.9	2.6 miles	KY498099_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/ Destabilization
Middle Branch of North Fork of Little River 1.3 to 3.9	2.6 miles	KY498099_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/ Destabilization
Middle Creek Levisa Fork 0.0 to 4.6	4.6 miles	KY498108_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	PCR	Escherichia coli	Non-Point Source; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

Waterbody &	Total	Waterbody	Water	Motorched	Basin ⁽¹⁾	8-Digit	Country	Cate-		line civer ant	
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Middle Creek Levisa Fork 0.0 to 4.6	4.6 miles	KY498108_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Middle Creek Levisa Fork 0.0 to 4.6	4.6 miles	KY498108_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Package Plant or Other Permitted Small Flows Discharges; Surface Mining; Urban Runoff/Storm Sewers
Middle Creek Levisa Fork 0.0 to 4.6	4.6 miles	KY498108_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Suspended Solids (TSS)	Package Plant or Other Permitted Small Flows Discharges; Surface Mining; Urban Runoff/Storm Sewers
Middle Creek 0.4 to 5.6	5.2 miles	KY498106_ 01	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Middle Creek 0.4 to 5.6	5.2 miles	KY498106_ 01	River	Salt/Licking	Ohio River	05090203	Boone	5-PS	WAH	Sedimentation/ Siltation	Site Clearance (Land Development or Redevelopment), Silviculture Activities
Middle Fork Beargrass Creek 0.0 to 2.0	2 miles	KY498112_ 01	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers
Middle Fork Beargrass Creek 0.0 to 2.0	2 miles	KY498112_ 01	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers
Middle Fork Clarks River 2.7 to 4.8	2.1 miles	KY498115_ 02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Middle Fork Clarks River 2.7 to 4.8	2.1 miles	KY498115_ 02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-PS	WAH	Sedimentation/ Siltation	Agriculture

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Middle Fork Creek 0.2 to 6.0	5.8 miles	KY498117_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	5-PS	WAH	Cause Unknown	Loss of Riparian Habitat; Source Unknown
Middle Fork Kentucky River 6.45 to 12.6	6.15 miles	KY513931_ 01	River	Kentucky	Kentucky River	05100202	Lee	5-PS	PCR	Escherichia coli	Agriculture; Loss of Riparian Habitat
Middle Fork Little Sandy River 5.8 to 7.5	1.7 miles	KY498129_ 02	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Cause Unknown	Source Unknown
Middle Fork of Beaver Creek 0.0 to 2.3	2.3 miles	KY513923_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	McCreary	5-PS	САН	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive)
Middle Fork of Beaver Creek 0.0 to 2.3	2.3 miles	KY513923_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	McCreary	5-NS	CAH; PCR; SCR	рН	Impacts from Abandoned Mine Lands (Inactive)
Middle Fork of Drakes Creek 0.0 to 7.8	7.8 miles	KY498119_ 01	River	Green/ Tradewater	Green River	05110002	Warren	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat
Middle Fork of Kentucky River 67.9 to 74.6	6.7 miles	KY513931_ 04	River	Kentucky	Kentucky River	05100202	Leslie	5-PS	PCR	Fecal Coliform	Source Unknown
Middle Fork of Kentucky River 67.9 to 74.6	6.7 miles	KY513931_ 04	River	Kentucky	Kentucky River	05100202	Leslie	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Non- irrigated Crop Production; Rangeland Grazing
Middle Fork of Kentucky River 67.9 to 74.6	6.7 miles	KY513931_ 04	River	Kentucky	Kentucky River	05100202	Leslie	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Activities; Reclamation of Inactive Mining; Surface Mining

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Middle Fork of Licking River 0 to 2.5	2.5 miles	KY498128_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	PCR	Fecal Coliform	Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Middle Fork of Massac Creek 0.0 to 6.4	6.4 miles	KY498130_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Crop Production (Crop Land or Dry Land)
Middle Fork of Massac Creek 0.0 to 6.4	6.4 miles	KY498130_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land)
Middle Fork of Richland Creek 0.0 to 1.2	1.2 miles	KY498135_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Highways, Roads, Bridges, Infrastructure (New Construction); Site Clearance (Land Development or Redevelopment); Surface Mining
Middle Fork Rockcastle Creek 0.0 to 16.8	16.8 miles	KY498137_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining
Middle Fork Rockcastle Creek 0.0 to 16.8	16.8 miles	KY498137_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Surface Mining
Middle Fork, Kentucky River 61.5 to 64.2	2.7 miles	KY513931_ 03	River	Kentucky	Kentucky River	05100202	Leslie	5-NS	PCR	Fecal Coliform	Source Unknown
Middle Fork, Kentucky River 61.5 to 64.2	2.7 miles	KY513931_ 03	River	Kentucky	Kentucky River	05100202	Leslie	5-NS	SCR	Fecal Coliform	Source Unknown
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_ 00	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_ 00	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_ 00	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Mill Creek 0.0 to 11.2	11.2 miles	KY498268_ 00	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Sedimentation/ Siltation	Illegal Dumps or Other Inappropriate Waste Disposal; Industrial Point Source Discharge; Urban Runoff/Storm Sewers
Mill Creek 0.0 to 21.6	21.6 miles	KY498263_ 01	River	Salt/Licking	Licking River	05100102	Harrison	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Mill Creek 0.0 to 21.6	21.6 miles	KY498263_ 01	River	Salt/Licking	Licking River	05100102	Harrison	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Mill Creek 0.0 to 3.3	3.3 miles	KY498258_ 01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Mill Creek 0.0 to 3.3	3.3 miles	KY498258_ 01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Total Suspended Solids (TSS)	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Mill Creek 0.0 to 4.2	4.2 miles	KY498260_ 00	River	Green/ Tradewater	Green River	05110004	Ohio	5-NS	PCR	Fecal Coliform	Source Unknown
Mill Creek Cutoff 0.0 to 2.4	2.4 miles	KY498275_ 01	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Mill Spring (9000-1193)	1 miles	KY499512- 38.7 00	Spring	Green/ Tradewater	Green River	05110001	Grayson	5-NS	PCR	Escherichia coli	Source Unknown
Miller Creek	6.4 miles	KY498337_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Miller Creek 0.0 to 6.4	6.4 miles	KY498337_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Miller Creek 0.0 to 6.4	6.4 miles	KY498337_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining
Miller Creek 0.0 to 6.4	6.4 miles	KY498337_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	WAH	Total Dissolved Solids	Surface Mining

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Mitchell Creek 0.0 to 3.8	3.8 miles	KY514033_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Cause Unknown	Non-Point Source; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers
Mocks Branch 1.6 to 5.7	4.1 miles	KY498468_ 01	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Montgomery Creek 0.0 to 6.5	6.5 miles	KY498512_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones
Montgomery Creek 0.0 to 6.5	6.5 miles	KY498512_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Sewage Discharges in Unsewered Areas
Montgomery Creek 0.0 to 6.5	6.5 miles	KY498512_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Site Clearance (Land Development or Redevelopment)
Montgomery Creek 0.00 to 11.10	11.1 miles	KY498509_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Christian	5-PS	WAH	Cause Unknown	Source Unknown
Moseby Branch 0.0 to 2.2	2.2 miles	KY498657_ 00	River	Kentucky	Kentucky River	05100205	Owen	5-NS	WAH	Cause Unknown	Source Unknown
Mud Creek 0.0 to 2.7	2.7 miles	KY498983_ 00	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Mud Creek 0.0 to 2.7	2.7 miles	KY498983_ 00	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Turbidity	Loss of Riparian Habitat; Streambank Modifications/ Destabilization

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Mud Creek 0.0 to 7.8	7.8 miles	KY498982_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Fulton	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
Mud Creek of Clear Fork 0.0 to 5.2	5.2 miles	KY514128_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-PS	WAH	Sedimentation/ Siltation	Highways, Roads, Bridges, Infrastructure (New Construction); Non- irrigated Crop Production; Site Clearance (Land Development or Redevelopment)
Mud River 30.9 to 52.2	21.3 miles	KY499011_ 03	River	Green/ Tradewater	Green River	05110003	Logan	5-NS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Mud River 52.2 to 64.0	11.8 miles	KY499011_ 04	River	Green/ Tradewater	Green River	05110003	Logan	5-NS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Mud River 9.1 to 30.9	21.8 miles	KY499011_ 02	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Iron	Source Unknown
Mud River 9.1 to 30.9	21.8 miles	KY499011_ 02	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	FC	Mercury in Fish Tissue	Source Unknown
Mud River 9.1 to 30.9	21.8 miles	KY499011_ 02	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Mud River 0.0 to 9.1	9.1 miles	KY499011_ 01	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	FC	PCB in Fish Tissue	Industrial Point Source Discharge
Muddy Creek 0.0 to 20.6	20.6 miles	KY514141_ 01	River	Kentucky	Kentucky River	05100205	Madison	5-NS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Muddy Creek 0.0 to 5.9	5.9 miles	KY499036_ 01	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	PCR	Fecal Coliform	Source Unknown
Muddy Creek 1.9 to 4.9	3 miles	KY499038_ 01	River	Green/ Tradewater	Green River	05110004	Ohio	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Muddy Creek 5.8 to 9.1	3.3 miles	KY499038_ 02	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Muddy Creek 5.8 to 9.1	3.3 miles	KY499038_ 02	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Channelization; Non- irrigated Crop Production
Muddy Creek 8.6 to 15.2	6.6 miles	KY499036_ 02	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat
Muddy Creek 8.6 to 15.2	6.6 miles	KY499036_ 02	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Oxygen, Dissolved	Agriculture; Channelization
Muddy Creek 8.6 to 15.2	6.6 miles	KY499036_ 02	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Muddy Creek 0.0 to 5.0	5 miles	KY499037_ 01	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Muddy Fork Little River 13.2 to 25.3	12.1 miles	KY499043_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-NS	WAH	Cause Unknown	Source Unknown
Muddy Fork Little River 25.3 to 28.8	3.5 miles	KY499043_ 03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-NS	WAH	Cause Unknown	Agriculture; Loss of Riparian Habitat
Muncy Creek 2.7 to 4.7	2 miles	KY514159_ 01	River	Kentucky	Kentucky River	05100202	Leslie	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation
Narge Creek 2.6 to 4.2	1.6 miles	KY499173_ 00	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Cause Unknown	Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Nats Creek 0.0 to 3.1	3.1 miles	KY499185_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Near Fork Sandsuck Creek 1.1 to 2.0	0.9 miles	KY499204_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Cause Unknown	Non-Point Source; Source Unknown
Newberry Branch 0.0 to 2.8	2.8 miles	KY499417_ 01	River	Sandy/ Tygarts	Ohio River	05090103	Greenup	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Newberry Branch 0.0 to 2.8	2.8 miles	KY499417_ 01	River	Sandy/ Tygarts	Ohio River	05090103	Greenup	5-NS	WAH	Sedimentation/ Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Non-irrigated Crop Production
Newberry Branch 0.0 to 2.8	2.8 miles	KY499417_ 01	River	Sandy/ Tygarts	Ohio River	05090103	Greenup	5-NS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Non-irrigated Crop Production
Newcombe Creek 1.1 to 7.3	6.2 miles	KY499428_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Legacy Coal Extraction; Petroleum/Natural Gas Activities; Silviculture Activities
Newtons Creek 0.0 to 7.85	7.85 miles	KY499457_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Noland Creek 0.05 to 1.2	1.15 miles	KY499508_ 01	River	Kentucky	Kentucky River	05100204	Estill	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Nolynn Spring (9000-2673)	1 miles	KY499559- 1.3_00	Spring	Green/ Tradewater	Green River	05110001	Larue	5-NS	PCR	Escherichia coli	Source Unknown
Nolynn Spring (9000-2673)	1 miles	KY499559- 1.3_00	Spring	Green/ Tradewater	Green River	05110001	Larue	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
North Benson Creek 0.8 to 1.9	1.1 miles	KY499533_ 00	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
North Benson Creek 0.8 to 1.9	1.1 miles	KY499533_ 00	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture
North Benson Creek 0.8 to 1.9	1.1 miles	KY499533_ 00	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Highways, Roads, Bridges, Infrastructure (New Construction)
North Branch of South Fork of Panther Creek 0.0 to 4.2	4.2 miles	KY499538_ 00	River	Green/ Tradewater	Green River	05110005	Hancock	5-NS	WAH	Cause Unknown	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification
North Elkhorn Creek 44.75 to 66.0	21.25 miles	KY499540_ 03	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Specific Conductance	Agriculture
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_ 04	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Source Unknown
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_ 04	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_ 04	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture
North Elkhorn Creek 66.0 to 73.75	7.75 miles	KY499540_ 04	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Habitat Modification - Other than Hydromodification

Waterbody &	Total	Waterbody ID	Water	Matavahad	Basin ⁽¹⁾	8-Digit	Country	Cate-		line civin est	
Segment	Size	UI	Туре	Watershed	Dasin	HUC	County	gory	Use	Impairment	Suspected Source(s)
North Fork Currys Fork 0.0 to 6.0	6.0 miles	KY499547_ 01	River	Salt/Licking	Salt River	05140102	Oldham	5-NS	PCR	Escherichia coli	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
North Fork Kentucky River 145.5 to 147.9	2.4 miles	KY514290_ 14	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Non- irrigated Crop Production; Urban Runoff/Storm Sewers
North Fork Kentucky River 147.9 to 162.0	14.1 miles	KY514290_ 15	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Silviculture Activities; Urban Runoff/Storm Sewers
North Fork Licking River 18.55 to 45.5	26.95 miles	KY499554_ 02	River	Salt/Licking	Licking River	05100101	Bracken	5-NS	PCR	Fecal Coliform	Agriculture
North Fork Licking River 18.55 to 45.5	26.95 miles	KY499554_ 02	River	Salt/Licking	Licking River	05100101	Bracken	5-NS	WAH	Sedimentation/ Siltation	Agriculture
North Fork Licking River 2.3 to 18.55	16.25 miles	KY499554_ 01	River	Salt/Licking	Licking River	05100101	Bracken	5-NS	PCR	Escherichia coli	Source Unknown
North Fork Licking River 12.3 to 13.4	1.1 miles	KY514292_ 02	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Upstream Source

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
North Fork Licking River 8.5 to 12.3	3.8 miles	KY514292_ 01	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown
North Fork Little River 0.0 to 0.3	0.3 miles	KY499555_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
North Fork Little River 0.0 to 0.3	0.3 miles	KY499555_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
North Fork Little River 0.0 to 0.3	0.3 miles	KY499555_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Urban Runoff/Storm Sewers
North Fork North Benson Creek 0.0 to 2.2	2.2 miles	KY499560_ 00	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat; Post- development Erosion and Sedimentation
North Fork North Benson Creek 0.0 to 2.2	2.2 miles	KY499560_ 00	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Post- development Erosion and Sedimentation
North Fork of Barnett Creek 0.0 to 2.3	2.3 miles	KY499541_ 01	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production
North Fork of Little River 7.0 to 10.9	3.9 miles	KY499555_ 03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
North Fork of Little River 7.0 to 10.9	3.9 miles	KY499555_ 03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
North Fork of Little River 7.0 to 10.9	3.9 miles	KY499555_ 03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/ Siltation	Agriculture

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
North Fork of Little River 0.3 to 7.0	6.7 miles	KY499555_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Sedimentation/ Siltation	Agriculture
North Fork of Little River 10.9 to 16.2	5.3 miles	KY499555_ 04	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
North Fork of Little River 10.9 to 16.2	5.3 miles	KY499555_ 04	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
North Fork of Little River 10.9 to 16.2	5.3 miles	KY499555_ 04	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Urban Runoff/Storm Sewers
North Fork of Nolin River 3.0 to 7.0	4 miles	KY499559_ 01	River	Green/ Tradewater	Green River	05110001	Larue	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
North Fork of Nolin River 3.0 to 7.0 North Fork of	4 miles	KY499559_ 01	River	Green/ Tradewater	Green River	05110001	Larue	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Panther Creek 4.2 to 9.1	4.9 miles	KY499562_ 02	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
North Fork of Panther Creek 4.2 to 9.1	4.9 miles	KY499562_ 02	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
North Fork of Panther Creek 4.2 to 9.1	4.9 miles	KY499562_ 02	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
North Fork of Panther Creek 0.0 to 4.2 North Fork	4.2 miles	KY499562_ 01	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Cause Unknown	Channelization; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production Irrigated Crop Production;
Panther Creek 9.7 to 12.7	3 miles	KY499562_ 04	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Non-irrigated Crop Production; Production
Northern Ditch 0.0 to 7.3	7.3 miles	KY499598_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Northern Ditch 0.0 to 7.3	7.3 miles	KY499598_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Ammonia (Un- ionized)	Municipal Point Source Discharges
Northern Ditch 0.0 to 7.3	7.3 miles	KY499598_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Northern Ditch 0.0 to 7.3	7.3 miles	KY499598_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Obion Creek 41.0 to 44.4	3.4 miles	KY499767_ 04	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Cause Unknown	Channelization; Source Unknown
Obion Creek 44.4 to 49.9	5.5 miles	KY499767_ 05	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-PS	WAH	Sedimentation/ Siltation	Channelization; Crop Production (Crop Land or Dry Land)

201

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Obion Creek 1.35 to 16.25	14.9 miles	KY499767_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	PCR	Escherichia coli	Agriculture
Obion Creek 1.35 to 16.25	14.9 miles	KY499767_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Iron	Source Unknown
Obion Creek 1.35 to 16.25	14.9 miles	KY499767_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Lead	Source Unknown
Obion Creek 1.35 to 16.25	14.9 miles	KY499767_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Oxygen, Dissolved	Source Unknown
Obion Creek 1.35 to 16.25	14.9 miles	KY499767_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Sedimentation/ Siltation	Channelization; Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat; Non-irrigated Crop Production
Obion Creek 33.25 to 36.55	3.3 miles	KY499767_ 03	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Sedimentation/ Siltation	Upstream/Downstream Source
Obion Creek 49.9 to 55.7	5.8 miles	KY499767_ 06	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Cause Unknown	Source Unknown
Obion Creek 49.9 to 55.7	5.8 miles	KY499767_ 06	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Ohio River 319.4 to 317.4	2.0 miles	KY425264_ 01	River	Ohio River Mainstem	319.7 to 317.6	05090103	Boyd	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 319.4 to 317.4	2.0 miles	KY425264_ 01	River	Ohio River Mainstem	319.7 to 317.6	05090103	Boyd	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 319.4 to 317.4	2.0 miles	KY425264_ 01	River	Ohio River Mainstem	319.7 to 317.6	05090103	Boyd	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 340.8 to 319.4	21.4 miles	KY425264_ 02	River	Ohio River Mainstem Ohio River	341.2 to 319.7	05090103	Boyd, Greenup	5-PS	FC	Dioxin (including 2,3,7,8-TCDD) PCB in Water	Source Unknown
Ohio River 340.8 to 319.4	21.4 miles	KY425264_ 02	River	Mainstem	341.2 to 319.7	05090103	Boyd, Greenup	5-PS	FC	Column	Source Unknown
Ohio River 340.8 to 319.4	21.4 miles	KY425264_ 02	River	Ohio River Mainstem	341.2 to 319.7	05090103	Boyd, Greenup	5-PS	PCR	Escherichia coli	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Ohio River 356.6 to 340.8	15.8 miles	KY425264_ 03	River	Ohio River Mainstem	356.8 to 341.2	05090103	Greenup	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 356.6 to 340.8	15.8 miles	KY425264_ 03	River	Ohio River Mainstem	356.8 to 341.2	05090103	Greenup	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 377.7 to 356.6	21.1 miles	KY425264_ 04	River	Ohio River Mainstem	377.7 to 356.8	05090103, 05090201	Greenup, Lewis	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 377.7 to 356.6	21.1 miles	KY425264_ 04	River	Ohio River Mainstem	377.7 to 356.8	05090103, 05090201	Greenup, Lewis	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 377.7 to 356.6	21.1 miles	KY425264_ 04	River	Ohio River Mainstem	377.7 to 356.8	05090103, 05090201	Greenup, Lewis	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 382.2 to 377.7	4.5 miles	KY425264_ 05	River	Ohio River Mainstem	382.2 to 377.7	05090201	Lewis	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 382.2 to 377.7	4.5 miles	KY425264_ 05	River	Ohio River Mainstem	382.2 to 377.7	05090201	Lewis	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 388.0 to 382.2	5.8 miles	KY425264_ 06	River	Ohio River Mainstem	388.0 to 382.2	05090201	Lewis	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 388.0 to 382.2	5.8 miles	KY425264_ 06	River	Ohio River Mainstem	388.0 to 382.2	05090201	Lewis	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 388.0 to 382.2	5.8 miles	KY425264_ 06	River	Ohio River Mainstem	388.0 to 382.2	05090201	Lewis	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 437.2 to 388.0	49.2 miles	KY425264_ 07	River	Ohio River Mainstem	435.9 to 388.0	05090201	Lewis, Mason, Bracken	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 437.2 to 388.0	49.2 miles	KY425264_ 07	River	Ohio River Mainstem	435.9 to 388.0	05090201	Lewis, Mason, Bracken	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 464.5 to 437.2	27.3 miles	KY425264_ 08	River	Ohio River Mainstem	463.1 to 435.9	05090201, 05090203	Bracken, Pendleton, Campbell	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 464.5 to 437.2	27.3 miles	KY425264_ 08	River	Ohio River Mainstem	463.1 to 435.9	05090201, 05090203	Bracken, Pendleton, Campbell	5-PS	FC	PCB in Water Column	Source Unknown

Waterbody &	Total	Waterbody	Water	Motorich e d	Basin ⁽¹⁾	8-Digit	Country	Cate-	Line	line civer ant	
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Ohio River 465.2 to 464.5	0.7 miles	KY425264_ 09	River	Ohio River Mainstem	464.8 to 463.1	05090203	Campbell	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River	0.7	KY425264	-	Ohio River	464.8 to				_	PCB in Water	
465.2 to 464.5	miles	09	River	Mainstem	463.1	05090203	Campbell	5-PS	FC	Column	Source Unknown
Ohio River	0.7	KY425264	-	Ohio River	464.8 to				_		
465.2 to 464.5	miles	09	River	Mainstem	463.1	05090203	Campbell	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 469.4 to 465.2	4.2 miles	KY425264_ 10	River	Ohio River Mainstem	469.0 to 464.8	05090203	Campbell	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River	4.2	KY425264_		Ohio River	469.0 to					PCB in Water	
469.4 to 465.2	miles	10	River	Mainstem	464.8	05090203	Campbell	5-PS	FC	Column	Source Unknown
Ohio River 471.4 to 469.4	2.0 miles	KY425264_ 11	River	Ohio River Mainstem	470.6 to 469.0	05090203	Campbell, Kenton	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River	2.0	KY425264_		Ohio River	470.6 to		Campbell,			PCB in Water	
471.4 to 469.4	miles	11	River	Mainstem	469.0	05090203	Kenton	5-PS	FC	Column	Source Unknown
Ohio River	2.0	KY425264_		Ohio River	470.6 to		Campbell,				
471.4 to 469.4	miles	11	River	Mainstem	469.0	05090203	Kenton	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 475.1 to 471.4	3.7 miles	KY425264_ 12	River	Ohio River Mainstem	474.6 to 470.6	05090203	Kenton	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River	3.7	KY425264_		Ohio River	474.6 to					PCB in Water	
475.1 to 471.4	miles	12	River	Mainstem	470.6	05090203	Kenton	5-PS	FC	Column	Source Unknown
Ohio River	3.7	KY425264_		Ohio River	474.6 to						
475.1 to 471.4	miles	12	River	Mainstem	470.6	05090203	Kenton	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 477.5 to 475.1	2.4 miles	KY425264_ 13	River	Ohio River Mainstem	477.0 to 474.6	05090203	Kenton, Boone	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River	2.4	KY425264_		Ohio River	477.0 to		Kenton,			PCB in Water	
477.5 to 475.1	miles	13	River	Mainstem	474.6	05090203	Boone	5-PS	FC	Column	Source Unknown
Ohio River	2.4	KY425264_		Ohio River	477.0 to		Kenton,				
477.5 to 475.1	miles	13	River	Mainstem	474.6	05090203	Boone	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 488.2 to 477.5	10.7 miles	KY425264_ 14	River	Ohio River Mainstem	487.6 to 477.0	05090203	Boone	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 488.2 to 477.5	10.7 miles	KY425264_ 14	River	Ohio River Mainstem	487.6 to 477.0	05090203	Boone	5-PS	FC	PCB in Water Column	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Ohio River	10.7	KY425264	.] = -	Ohio River	487.6 to			9-1			
488.2 to 477.5	miles	14	River	Mainstem	477.0	05090203	Boone	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 593.4 to 488.2	105.2 miles	KY425264_ 15	River	Ohio River Mainstem	592.1 to 487.6	05090203, 05140101	Boone, Gallatin, Carroll, Trimble, Oldham, Jefferson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 593.4 to 488.2	105.2 miles	KY425264_ 15	River	Ohio River Mainstem	592.1 to 487.6	05090203, 05140101	Boone, Gallatin, Carroll, Trimble, Oldham, Jefferson	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 595.8 to 593.4	2.4 miles	KY425264_ 16	River	Ohio River Mainstem	594.5 to 592.1	05140101	Jefferson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 595.8 to 593.4	2.4 miles	KY425264_ 16	River	Ohio River Mainstem	594.5 to 592.1	05140101	Jefferson	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 595.8 to 593.4	2.4 miles	KY425264_ 16	River	Ohio River Mainstem	594.5 to 592.1	05140101	Jefferson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 603.1 to 595.8	7.3 miles	KY425264_ 17	River	Ohio River Mainstem	601.9 to 594.5	05140101	Jefferson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 603.1 to 595.8	7.3 miles	KY425264_ 17	River	Ohio River Mainstem	601.9 to 594.5	05140101	Jefferson	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 605.8 to 603.1	2.7 miles	KY425264_ 18	River	Ohio River Mainstem	604.5 to 601.9	05140101	Jefferson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 605.8 to 603.1	2.7 miles	KY425264_ 18	River	Ohio River Mainstem	604.5 to 601.9	05140101	Jefferson	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 605.8 to 603.1	2.7 miles	KY425264_ 18	River	Ohio River Mainstem	604.5 to 601.9	05140101	Jefferson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 608.7 to 605.8 Ohio River	2.9 miles 2.9	KY425264_ 19 KY425264	River	Ohio River Mainstem Ohio River	607.1 to 604.5 607.1 to	05140101	Jefferson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD) PCB in Water	Source Unknown
608.7 to 605.8	miles	19	River	Mainstem	604.5	05140101	Jefferson	5-PS	FC	Column	Source Unknown
Ohio River 608.7 to 605.8	2.9 miles	KY425264_ 19	River	Ohio River Mainstem	607.1 to 604.5	05140101	Jefferson	5-NS	PCR	Escherichia coli	Source Unknown

Waterbody &	Total	Waterbody	Water	Motorched	Basin ⁽¹⁾	8-Digit	Country	Cate-	Line	line civin est	
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Ohio River 614.0 to 608.7	5.3 miles	KY425264_ 20	River	Ohio River Mainstem	611.4 to 607.1	05140101	Jefferson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River	5.3	KY425264_		Ohio River	611.4 to					PCB in Water	
614.0 to 608.7	miles	20	River	Mainstem	607.1	05140101	Jefferson	5-PS	FC	Column	Source Unknown
Ohio River	5.3	KY425264_		Ohio River	611.4 to						
614.0 to 608.7	miles	20	River	Mainstem	607.1	05140101	Jefferson	5-PS	PCR	Escherichia coli	Source Unknown
							Jefferson,			Dioxin	
Ohio River	62.8	KY425264_		Ohio River	674.8 to	05140101,	Hardin,			(including	
676.8 to 614.0	miles	21	River	Mainstem	611.4	05140104	Meade	5-PS	FC	2,3,7,8-TCDD)	Source Unknown
							Jefferson,				
Ohio River	62.8	KY425264_		Ohio River	674.8 to	05140101,	Hardin,			Mercury in Fish	
676.8 to 614.0	miles	21	River	Mainstem	611.4	05140104	Meade	5-PS	FC	Tissue	Source Unknown
							Jefferson,				
Ohio River	62.8	KY425264_		Ohio River	674.8 to	05140101,	Hardin,			PCB in Water	
676.8 to 614.0	miles	21	River	Mainstem	611.4	05140104	Meade	5-PS	FC	Column	Source Unknown
							Jefferson,				
Ohio River	62.8	KY425264_		Ohio River	674.8 to	05140101,	Hardin,				
676.8 to 614.0	miles	21	River	Mainstem	611.4	05140104	Meade	5-NS	PCR	Escherichia coli	Source Unknown
							Meade,			Dioxin	
Ohio River	44.0	KY425264_		Ohio River	718.1 to	05140104,	Breckinridge,			(including	
720.8 to 676.8	miles	22	River	Mainstem	674.8	05140201	Hancock	5-PS	FC	2,3,7,8-TCDD)	Source Unknown
							Meade,				
Ohio River	44.0	KY425264_		Ohio River	718.1 to	05140104,	Breckinridge,			Mercury in Fish	
720.8 to 676.8	miles	22	River	Mainstem	674.8	05140201	Hancock	5-PS	FC	Tissue	Source Unknown
							Meade,				
Ohio River	44.0	KY425264_		Ohio River	718.1 to	05140104,	Breckinridge,			PCB in Water	
720.8 to 676.8	miles	22	River	Mainstem	674.8	05140201	Hancock	5-PS	FC	Column	Source Unknown
							Meade,				
Ohio River	44.0	KY425264_		Ohio River	718.1 to	05140104,	Breckinridge,				
720.8 to 676.8	miles	22	River	Mainstem	674.8	05140201	Hancock	5-PS	PCR	Escherichia coli	Source Unknown
										Dioxin	
Ohio River	15.9	KY425264_		Ohio River	733.8 to					(including	
736.7 to 720.8	miles	23	River	Mainstem	718.1	05140201	Hancock	5-PS	FC	2,3,7,8-TCDD)	Source Unknown
Ohio River	15.9	KY425264_		Ohio River	733.8 to					Mercury in Fish	
736.7 to 720.8	miles	23	River	Mainstem	718.1	05140201	Hancock	5-PS	FC	Tissue	Source Unknown
Ohio River	15.9	KY425264_		Ohio River	733.8 to					PCB in Water	
736.7 to 720.8	miles	23	River	Mainstem	718.1	05140201	Hancock	5-PS	FC	Column	Source Unknown
Ohio River	15.9	KY425264_		Ohio River	733.8 to			_			
736.7 to 720.8	miles	23	River	Mainstem	718.1	05140201	Hancock	5-PS	PCR	Escherichia coli	Source Unknown

Waterbody &	Total	Waterbody	Water		D (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
		10//0700/								Dioxin	
Ohio River	19.6	KY425264_		Ohio River	752.9 to		Hancock,		50	(including	
756.3 to 736.7	miles	24	River	Mainstem	733.8	05140201	Daviess	5-PS	FC	2,3,7,8-TCDD)	Source Unknown
Ohio River	19.6	KY425264_		Ohio River	752.9 to		Hancock,			Mercury in Fish	
756.3 to 736.7	miles	24	River	Mainstem	733.8	05140201	Daviess	5-PS	FC	Tissue	Source Unknown
Ohio River	19.6	KY425264_		Ohio River	752.9 to		Hancock,			PCB in Water	
756.3 to 736.7	miles	24	River	Mainstem	733.8	05140201	Daviess	5-PS	FC	Column	Source Unknown
Ohio River	19.6	KY425264_		Ohio River	752.9 to		Hancock,				
756.3 to 736.7	miles	24	River	Mainstem	733.8	05140201	Daviess	5-PS	PCR	Escherichia coli	Source Unknown
										Dioxin	
Ohio River	4.3	KY425264_		Ohio River	757.0 to					(including	
760.6 to 756.3	miles	25	River	Mainstem	752.9	05140201	Daviess	5-PS	FC	2,3,7,8-TCDD)	Source Unknown
Ohio River	4.3	KY425264_		Ohio River	757.0 to					Mercury in Fish	
760.6 to 756.3	miles	25	River	Mainstem	752.9	05140201	Daviess	5-PS	FC	Tissue	Source Unknown
Ohio River	4.3	KY425264_		Ohio River	757.0 to					PCB in Water	
760.6 to 756.3	miles	25	River	Mainstem	752.9	05140201	Daviess	5-PS	FC	Column	Source Unknown
Ohio River	4.3	KY425264_		Ohio River	757.0 to						
760.6 to 756.3	miles	25	River	Mainstem	752.9	05140201	Daviess	5-PS	PCR	Escherichia coli	Source Unknown
										Dioxin	
Ohio River	15.4	KY425264_		Ohio River	772.3 to		Daviess,			(including	
776.0 to 760.6	miles	26	River	Mainstem	757.0	05140201	Henderson	5-PS	FC	2,3,7,8-TCDD)	Source Unknown
Ohio River	15.4	KY425264_		Ohio River	772.3 to		Daviess,			Mercury in Fish	
776.0 to 760.6	miles	26	River	Mainstem	757.0	05140201	Henderson	5-PS	FC	Tissue	Source Unknown
Ohio River	15.4	KY425264_		Ohio River	772.3 to		Daviess,			PCB in Water	
776.0 to 760.6	miles	26	River	Mainstem	757.0	05140201	Henderson	5-PS	FC	Column	Source Unknown
Ohio River	15.4	KY425264_		Ohio River	772.3 to		Daviess,				
776.0 to 760.6	miles	26	River	Mainstem	757.0	05140201	Henderson	5-PS	PCR	Escherichia coli	Source Unknown
										Dioxin	
Ohio River	13.3	KY425264_		Ohio River	785.6 to	05140201,				(including	
789.3 to 776.0	miles	27	River	Mainstem	772.3	05140202	Henderson	5-PS	FC	2,3,7,8-TCDD)	Source Unknown
	10.0	1/1/105001			705.0.4-	05140001					
Ohio River	13.3	KY425264_	D.	Ohio River	785.6 to	05140201,		5 00	50	Mercury in Fish	
789.3 to 776.0	miles	27	River	Mainstem	772.3	05140202	Henderson	5-PS	FC	Tissue	Source Unknown
Ohio River	13.3	KY425264		Ohio River	785.6 to	05140201,				PCB in Water	
789.3 to 776.0	miles	27	River	Mainstem	772.3	05140202	Henderson	5-PS	FC	Column	Source Unknown
		10/10500									
Ohio River	13.3	KY425264_	D .	Ohio River	785.6 to	05140201,		5 00			
789.3 to 776.0	miles	27	River	Mainstem	772.3	05140202	Henderson	5-PS	PCR	Escherichia coli	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Ohio River 792.1 to 789.3	2.8 miles	KY425264_ 28	River	Ohio River Mainstem	788.4 to 785.6	05140202	Henderson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 792.1 to 789.3	2.8 miles	KY425264_ 28	River	Ohio River Mainstem	788.4 to 785.6	05140202	Henderson	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 792.1 to 789.3	2.8 miles	KY425264_ 28	River	Ohio River Mainstem	788.4 to 785.6	05140202	Henderson	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 793.2 to 792.1	1.1 miles	KY425264_ 29	River	Ohio River Mainstem	789.3 to 788.4	05140202	Henderson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 793.2 to 792.1	1.1 miles	KY425264_ 29	River	Ohio River Mainstem	789.3 to 788.4	05140202	Henderson	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 793.2 to 792.1	1.1 miles	KY425264_ 29	River	Ohio River Mainstem	789.3 to 788.4	05140202	Henderson	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 793.2 to 792.1	1.1 miles	KY425264_ 29	River	Ohio River Mainstem	789.3 to 788.4	05140202	Henderson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 795.7 to 793.2	2.5 miles	KY425264_ 30	River	Ohio River Mainstem	791.9 to 789.3	05140202	Henderson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 795.7 to 793.2	2.5 miles	KY425264_ 30	River	Ohio River Mainstem	791.9 to 789.3	05140202	Henderson	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 795.7 to 793.2	2.5 miles	KY425264_ 30	River	Ohio River Mainstem	791.9 to 789.3	05140202	Henderson	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 795.7 to 793.2	2.5 miles	KY425264_ 30	River	Ohio River Mainstem	791.9 to 789.3	05140202	Henderson	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 799.8 to 795.7	4.1 miles	KY425264_ 31	River	Ohio River Mainstem	794.85 to 791.9	05140202	Henderson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 799.8 to 795.7	4.1 miles	KY425264_ 31	River	Ohio River Mainstem	794.85 to 791.9	05140202	Henderson	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 799.8 to 795.7	4.1 miles	KY425264_ 31	River	Ohio River Mainstem	794.85 to 791.9	05140202	Henderson	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 799.8 to 795.7	4.1 miles	KY425264_ 31	River	Ohio River Mainstem	794.85 to 791.9	05140202	Henderson	5-PS	PCR	Escherichia coli	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Ohio River 802.9 to 799.8	3.1 miles	KY425264_ 32	River	Ohio River Mainstem	798.9 to 794.85	05140202	Henderson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 802.9 to 799.8	3.1 miles	KY425264_ 32	River	Ohio River Mainstem	798.9 to 794.85	05140202	Henderson	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 802.9 to 799.8	3.1 miles	KY425264_ 32	River	Ohio River Mainstem	798.9 to 794.85	05140202	Henderson	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 802.9 to 799.8	3.1 miles	KY425264_ 32	River	Ohio River Mainstem	798.9 to 794.85	05140202	Henderson	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 820.1 to 802.9	17.2 miles	KY425264_ 33	River	Ohio River Mainstem	816.2 to 798.4	05140202	Henderson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 820.1 to 802.9	17.2 miles	KY425264_ 33	River	Ohio River Mainstem	816.2 to 798.4	05140202	Henderson	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 820.1 to 802.9	17.2 miles	KY425264_ 33	River	Ohio River Mainstem	816.2 to 798.4	05140202	Henderson	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 820.1 to 802.9	17.2 miles	KY425264_ 33	River	Ohio River Mainstem	816.2 to 798.4	05140202	Henderson	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 826.4 to 820.1	6.3 miles	KY425264_ 34	River	Ohio River Mainstem	822.5 to 816.2	05140202	Henderson	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 826.4 to 820.1	6.3 miles	KY425264_ 34	River	Ohio River Mainstem	822.5 to 816.2	05140202	Henderson	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 826.4 to 820.1	6.3 miles	KY425264_ 34	River	Ohio River Mainstem	822.5 to 816.2	05140202	Henderson	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 826.4 to 820.1	6.3 miles	KY425264_ 34	River	Ohio River Mainstem	822.5 to 816.2	05140202	Henderson	5-NS	PCR	Escherichia coli	Source Unknown
Ohio River 846.3 to 826.4	19.9 miles	KY425264_ 35	River	Ohio River Mainstem	842.1 to 822.5	05140202	Henderson, Union	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 846.3 to 826.4	19.9 miles	KY425264_ 35	River	Ohio River Mainstem	842.1 to 822.5	05140202	Henderson, Union	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 846.3 to 826.4	19.9 miles	KY425264_ 35	River	Ohio River Mainstem	842.1 to 822.5	05140202	Henderson, Union	5-PS	FC	PCB in Water Column	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Ohio River 846.3 to 826.4	19.9 miles	KY425264_ 35	River	Ohio River Mainstem	842.1 to 822.5	05140202	Henderson, Union	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 849.7 to 846.3	3.4 miles	KY425264_ 36	River	Ohio River Mainstem	845.6 to 842.1	05140202	Union	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 849.7 to 846.3	3.4 miles	KY425264_ 36	River	Ohio River Mainstem	845.6 to 842.1	05140202	Union	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 849.7 to 846.3	3.4 miles	KY425264_ 36	River	Ohio River Mainstem	845.6 to 842.1	05140202	Union	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 849.7 to 846.3	3.4 miles	KY425264_ 36	River	Ohio River Mainstem	845.6 to 842.1	05140202	Union	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 853.4 to 849.7	3.7 miles	KY425264_ 37	River	Ohio River Mainstem	849.4 to 845.6	05140202	Union	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 853.4 to 849.7	3.7 miles	KY425264_ 37	River	Ohio River Mainstem	849.4 to 845.6	05140202	Union	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 853.4 to 849.7	3.7 miles	KY425264_ 37	River	Ohio River Mainstem	849.4 to 845.6	05140202	Union	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 857.6 to 853.4	4.2 miles	KY425264_ 38	River	Ohio River Mainstem	853.3 to 849.4	05140202; 05140203	Union	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 857.6 to 853.4	4.2 miles	KY425264_ 38	River	Ohio River Mainstem	853.3 to 849.4	05140202; 05140203	Union	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 857.6 to 853.4	4.2 miles	KY425264_ 38	River	Ohio River Mainstem	853.3 to 849.4	05140202; 05140203	Union	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 857.6 to 853.4	4.2 miles	KY425264_ 38	River	Ohio River Mainstem	853.3 to 849.4	05140202; 05140203	Union	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 862.1 to 857.6	4.5 miles	KY425264_ 39	River	Ohio River Mainstem	857.8 to 853.3	05140203	Union	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 862.1 to 857.6	4.5 miles	KY425264_ 39	River	Ohio River Mainstem	857.8 to 853.3	05140203	Union	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 862.1 to 857.6	4.5 miles	KY425264_ 39	River	Ohio River Mainstem	857.8 to 853.3	05140203	Union	5-PS	FC	PCB in Water Column	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Ohio River 872.8 to 862.1	10.7 miles	KY425264_ 40	River	Ohio River Mainstem	868.3 to 857.8	05140203	Union	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 872.8 to 862.1	10.7 miles	KY425264_ 40	River	Ohio River Mainstem	868.3 to 857.8	05140203	Union	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 872.8 to 862.1	10.7 miles	KY425264_ 40	River	Ohio River Mainstem	868.3 to 857.8	05140203	Union	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 872.8 to 862.1	10.7 miles	KY425264_ 40	River	Ohio River Mainstem	868.3 to 857.8	05140203	Union	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 878.2 to 872.8	5.4 miles	KY425264_ 41	River	Ohio River Mainstem	873.25 to 868.3	05140203	Union, Crittenden	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 878.2 to 872.8	5.4 miles	KY425264_ 41	River	Ohio River Mainstem	873.25 to 868.3	05140203	Union, Crittenden	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 878.2 to 872.8	5.4 miles	KY425264_ 41	River	Ohio River Mainstem	873.25 to 868.3	05140203	Union, Crittenden	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 882.9 to 878.2	4.7 miles	KY425264_ 42	River	Ohio River Mainstem	877.9 to 873.25	05140203	Crittenden	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 882.9 to 878.2	4.7 miles	KY425264_ 42	River	Ohio River Mainstem	877.9 to 873.25	05140203	Crittenden	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 882.9 to 878.2	4.7 miles	KY425264_ 42	River	Ohio River Mainstem	877.9 to 873.25	05140203	Crittenden	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 882.9 to 878.2	4.7 miles	KY425264_ 42	River	Ohio River Mainstem	877.9 to 873.25	05140203	Crittenden	5-PS	PCR	Escherichia coli	Source Unknown
Ohio River 894.6 to 882.9	11.7 miles	KY425264_ 43	River	Ohio River Mainstem	889.45 to 877.9	05140203	Crittenden, Livingston	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown
Ohio River 894.6 to 882.9	11.7 miles	KY425264_ 43	River	Ohio River Mainstem	889.45 to 877.9	05140203	Crittenden, Livingston	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Ohio River 894.6 to 882.9	11.7 miles	KY425264_ 43	River	Ohio River Mainstem	889.45 to 877.9	05140203	Crittenden, Livingston	5-PS	FC	PCB in Water Column	Source Unknown
Ohio River 910.3 to 894.6	15.7 miles	KY425264_ 44	River	Ohio River Mainstem	904.85 to 889.45	05140203	Livingston	5-PS	FC	Dioxin (including 2,3,7,8-TCDD)	Source Unknown

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

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Old Panther Creek 5.7 to	3.1	KY500154_		Green/						Sedimentation/	Habitat Modification - Other than
8.8	miles	02	River	Tradewater	Green River	05110005	Daviess	5-NS	WAH	Siltation	Hydromodification
Oldfield Fork	3.6	KY499901_	-	0.1.4.1.1.1						Sedimentation/	Crop Production (Crop
0.0 to 3.6	miles	01	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Siltation	Land or Dry Land)
Oldtown Creek 0.0 to 1.9	1.9 miles	KY499914_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Oil and Grease	Source Unknown
0.0 10 1.9	TIMES	01	nivei	Tygans	nivei	03090104	Greenup	J-F J	WAIT	Oil and Grease	Livestock (Grazing or
Oldtown Creek 0.0 to 1.9	1.9 miles	KY499914_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Sedimentation/ Siltation	Feeding Operations); Loss of Riparian Habitat; Source Unknown
Oldtown Creek 0.0 to 1.9	1.9 miles	KY499914_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Temperature, Water	Loss of Riparian Habitat; Source Unknown
Oldtown Creek 0.0 to 1.9	1.9 miles	KY499914_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-PS	WAH	Turbidity	Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Source Unknown
Open Fork 6.4 to 11.3	4.9 miles	KY499953_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Morgan	5-NS	PCR; SCR; WAH	рН	Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Surface Mining
Open Fork 6.4 to 11.3	4.9 miles	KY499953_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Morgan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Inappropriate Waste Disposal
Open Fork 6.4 to 11.3	4.9 miles	KY499953_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Morgan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Inappropriate Waste Disposal
Open Fork 6.4 to 11.3	4.9 miles	KY499953_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Morgan	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Inappropriate Waste Disposal; Sand/Gravel/Rock Mining or Quarries; Silviculture Activities; Surface Mining
Opossum Creek 0.0 to 2.3	2.3 miles	KY499959_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Channelization

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Ammonia (Un- ionized)	Package Plant or Other Permitted Small Flows Discharges
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nitrogen (Total)	Package Plant or Other Permitted Small Flows Discharges
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Phosphorus (Total)	Package Plant or Other Permitted Small Flows Discharges
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Otter Creek 0.0 to 0.5	0.5 miles	KY500021_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Otter Creek 0.0 to 10.7	10.7 miles	KY500026_ 00	River	Salt/Licking	Salt River	05140104	Meade	5-PS	PCR	Fecal Coliform	Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater
Otter Creek 0.0 to 2.9	2.9 miles	KY500024_ 01	River	Salt/Licking	Salt River	05140103	Larue	5-PS	PCR	Fecal Coliform	Source Unknown

214

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Otter Creek 0.0 to 6.3	6.3 miles	KY500023_ 00	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Channelization; Non- irrigated Crop Production; Unspecified Urban Stormwater
Paddle Creek 0.0 to 1.4	1.4 miles	KY500100_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Unspecified Urban Stormwater
Paddle Creek 0.0 to 1.4	1.4 miles	KY500100_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Unspecified Urban Stormwater
Paddle Creek 0.0 to 1.4	1.4 miles	KY500100_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Post- development Erosion and Sedimentation; Unspecified Urban Stormwater
Paddle Creek 0.0 to 1.4	1.4 miles	KY500100_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Boyd	5-NS	WAH	Total Dissolved Solids	Habitat Modification - Other than Hydromodification; Industrial Point Source Discharge; Unspecified Urban Stormwater
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	САН	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	САН	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	САН	Sedimentation/ Siltation	Post-development Erosion and Sedimentation; Woodlot Site Clearance

215

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Paint Creek	7.1	KY500114_		Sandy/	Big Sandy					Temperature,	
0.0 to 7.1	miles	01	River	Tygarts	River	05070203	Johnson	5-NS	CAH	Water	Woodlot Site Clearance
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	PCR	Escherichia coli	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste
Paint Creek 0.0 to 7.1	7.1 miles	KY500114_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Paint Creek 7.1 to 8.3	1.2 miles	KY500114_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	САН	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Paint Creek 7.1 to 8.3	1.2 miles	KY500114_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	САН	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Paint Creek 7.1 to 8.3	1.2 miles	KY500114_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	САН	Sedimentation/ Siltation	Post-development Erosion and Sedimentation; Woodlot Site Clearance
Paint Creek 7.1 to 8.3	1.2 miles	KY500114_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	САН	Temperature, Water	Woodlot Site Clearance
Paint Creek 7.1 to 8.3	1.2 miles	KY500114_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste
Paint Lick Creek 0.0 to 7.5	7.5 miles	KY500121_ 01	River	Kentucky	Kentucky River	05100205	Garrard	5-PS	PCR	Fecal Coliform	Livestock (Grazing or Feeding Operations)
Paintsville Reservoir	1139 acres	KY509958_ 00	Fresh- water Reser- voir	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_ 01	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Panther Creek	2.9	KY500157_		Green/							
0.1 to 3.0	miles	01	River	Tradewater	Green River	05110005	Daviess	5-NS	SCR	Fecal Coliform	Source Unknown
Panther Creek	2.9	KY500157_		Green/							
0.1 to 3.0	miles	01	River	Tradewater	Green River	05110005	Daviess	5-NS	WAH	Iron	Surface Mining
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_ 01	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production; Unspecified Urban Stormwater
Panther Creek 0.1 to 3.0	2.9 miles	KY500157_ 01	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Turbidity	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production; Unspecified Urban Stormwater
Panther Creek 17.9 to 20.4	2.5 miles	KY500157_ 03	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Phosphorus (Total)	Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production; Source Unknown
Panther Creek 17.9 to 20.4	2.5 miles	KY500157_ 03	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Sedimentation/ Siltation	Channelization; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production; Source Unknown; Streambank Modifications/ Destabilization
Panther Creek 0.0 to 3.6	3.6 miles	KY500156_ 01	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Unrestricted Cattle Access
Panther Creek 0.0 to 3.6	3.6 miles	KY500156_ 01	River	Green/ Tradewater	Green River	05110003	Butler	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Unrestricted Cattle Access

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

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Pigeon Creek 0.0 to 3.4	3.4 miles	KY500588_ 00	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Sedimentation/ Siltation	Acid Mine Drainage; Non- irrigated Crop Production
Pigeon Creek 0.0 to 3.4	3.4 miles	KY500588_ 00	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	WAH	Total Dissolved Solids	Acid Mine Drainage
Pigeonroost Creek 0.0 to 3.9	3.9 miles	KY500604_ 00	River	Green/ Tradewater	Tradewater	05140205	Crittenden	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Pigeonroost Creek 0.0 to 3.9	3.9 miles	KY500604_ 00	River	Green/ Tradewater	Tradewater	05140205	Crittenden	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Pigeonroost Fork 0.0 to 1.3	1.3 miles	KY500606_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Sedimentation/ Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Pitman Creek 5.4 to 6.0	0.6 miles	KY514627_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	PCR	Escherichia coli	Municipal Point Source Discharges
Pleasant Grove Creek 0.0 to 2.2	2.2 miles	KY500832_ 00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Logan	5-NS	PCR	Fecal Coliform	Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pleasant Grove Creek 0.0 to 2.2	2.2 miles	KY500832_ 00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Logan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Pleasant Grove Creek 0.0 to 2.2	2.2 miles	KY500832_ 00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130206	Logan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pleasant Run 0.0 to 2.1	2.1 miles	KY500906_ 01	River	Green/ Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Pleasant Run 4.2 to 6.9	2.7 miles	KY500907_ 01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones
Pleasant Run 4.2 to 6.9	2.7 miles	KY500907_ 01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Unrestricted Cattle Access
Plum Branch 0.0 to 3.9	3.9 miles	KY514662_ 01	River	Kentucky	Kentucky River	05100204	Powell	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Plum Creek 0.0 to 1.7	1.7 miles	KY500964_ 01	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Chloride	Inappropriate Waste Disposal
Plum Creek 0.0 to 1.7	1.7 miles	KY500964_ 01	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Inappropriate Waste Disposal
Plum Creek 1.7 to 3.9	2.2 miles	KY500964_ 02	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	PCR	Fecal Coliform	Source Unknown
Plum Creek 1.7 to 3.9	2.2 miles	KY500964_ 02	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Plum Creek 0.0 to 17.8	17.8 miles	KY500965_ 01	River	Salt/Licking	Salt River	05140102	Spencer	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Plum Creek 0.0 to 17.8	17.8 miles	KY500965_ 01	River	Salt/Licking	Salt River	05140102	Spencer	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)
Plum Lick Creek 0.0 to 5.9	5.9 miles	KY500972	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Plum Lick Creek 0.0 to 5.9	5.9 miles	KY500972	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Cause Unknown	Source Unknown; Loss of Riparian Habitat
Polls Creek 0.0 to 4.7	4.7 miles	KY514679_ 00	River	Kentucky	Kentucky River	05100202	Leslie	5-PS	WAH	Cause Unknown	Source Unknown
Pond Cr. 0.0 to 9.7	9.7 miles	KY501044_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-NS	PCR	Escherichia coli	Package Plant or Other Permitted Small Flows Discharges
Pond Cr. 0.0 to 9.7	9.7 miles	KY501044_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat, On-Site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pond Cr. 0.0 to 9.7	9.7 miles	KY501044_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat, Sewage Discharges in Unsewered Areas
Pond Cr. 0.0 to 9.7	9.7 miles	KY501044_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat, Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Pond Cr. 0.0 to 9.7	9.7 miles	KY501044_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted), Surface Mining
Pond Cr. 0.0 to 9.7	9.7 miles	KY501044_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Pike	5-NS	WAH	Total Suspended Solids (TSS)	Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows Discharges; Surface Mining
Pond Creek 0.0 to 1.5	1.5 miles	KY501047_ 00	River	Salt/Licking	Salt River	05140101	Oldham	5-PS	WAH	Chlorine	Municipal Point Source Discharges
Pond Creek 0.0 to 1.5	1.5 miles	KY501047_ 00	River	Salt/Licking	Salt River	05140101	Oldham	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Pond Creek 0.0 to 1.5	1.5 miles	KY501047_ 00	River	Salt/Licking	Salt River	05140101	Oldham	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Pond Creek 0.0 to 5.5	5.5 miles	KY501043_ 00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production; Surface Mining
Pond Creek 0.0 to 5.5	5.5 miles	KY501043_ 00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Turbidity	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production; Surface Mining
Pond Creek 14.4 to 18.1	3.7 miles	KY501042_ 05	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Cause Unknown	Source Unknown
Pond Creek 18.1 to 22.1	4 miles	KY501042_ 06	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access
Pond Creek 18.1 to 22.1	4 miles	KY501042_ 06	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Manure Runoff; Surface Mining; Unrestricted Cattle Access
Pond Creek 18.1 to 22.1	4 miles	KY501042_ 06	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Specific Conductance	Agriculture; Surface Mining
Pond Creek 4.95 to 7.5	2.55 miles	KY501042_ 02	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Chloride	Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted)

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Pond Creek 4.95 to 7.5	2.55 miles	KY501042_ 02	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Channelization; Inappropriate Waste Disposal; Post- development Erosion and Sedimentation; Streambank Modifications/ Destabilization; Surface Mining
Pond Creek 4.95 to 7.5	2.55 miles	KY501042_ 02	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Pond Creek 7.5 to 11.7	4.2 miles	KY501042_ 03	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Chloride	Acid Mine Drainage; Inappropriate Waste Disposal; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
Pond Creek 7.5 to 11.7	4.2 miles	KY501042_ 03	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Channelization; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Streambank Modifications/ Destabilization; Surface Mining
Pond Creek 7.5 to 11.7	4.2 miles	KY501042_ 03	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Acid Mine Drainage; Inappropriate Waste Disposal; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
Pond Creek 0.0 to 6.3	6.3 miles	KY514692_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Jackson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges
Pond Creek	6.3	KY514692_	5.	Tenn/Miss/	Upper					Organic Enrichment (Sewage) Biological	Municipal Point Source
0.0 to 6.3	miles	01	River	Cumberland	Cumberland	05130102	Jackson	5-PS	WAH	Indicators	Discharges
Pond Creek 0.0 to 6.3	6.3 miles	KY514692_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Jackson	5-PS	WAH	Oxygen, Dissolved	Agriculture; Loss of Riparian Habitat
Pond Creek 11.7 to 14.4	2.7 miles	KY501042_ 04	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Sedimentation/ Siltation	Coal Mining
Pond Creek 11.7 to 14.4	2.7 miles	KY501042_ 04	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-NS	WAH	Total Dissolved Solids	Coal Mining
Pond Creek/ Southern Ditch 5.1 to 8.1	3 miles	KY501046_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges; Unspecified Urban Stormwater
Pond Creek/ Southern Ditch 5.1 to 8.1	3 miles	KY501046_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Ammonia (Un- ionized)	Package Plant or Other Permitted Small Flows Discharges
Pond Creek/ Southern Ditch 5.1 to 8.1	3 miles	KY501046_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Pond Creek/ Southern Ditch 5.1 to 8.1	3 miles	KY501046_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Package Plant or Other Permitted Small Flows Discharges
Pond Drain 0.0 to 2.3	2.3 miles	KY501049_ 00	River	Green/ Tradewater	Green River	05110006	McLean	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production
Pond Drain 0.0 to 2.3	2.3 miles	KY501049_ 00	River	Green/ Tradewater	Green River	05110006	McLean	5-PS	WAH	Total Dissolved Solids	Non-irrigated Crop Production

Waterbody &	Total Size	Waterbody ID	Water	Watershad	Basin ⁽¹⁾	8-Digit HUC	Country	Cate-		Impoirmont	Supported Source(a)
Segment Pond River 1.0			Туре	Watershed	Dasin	пос	County	gory	Use	Impairment	Suspected Source(s)
to 20.8	19.8 miles	KY501053_	River	Green/ Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Iron	Surface Mining
Pond River 1.0		02	River		Green River	05110006	поркіль	5-62	WAN	Iron Sedimentation/	Sunace Mining
	19.8	KY501053_	Diver	Green/		05110000	Llanking	5 DO	14/411		Curfe e e Mining
to 20.8	miles	02	River	Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Siltation	Surface Mining
Pond River 1.0 to 20.8	19.8 miles	KY501053_ 02	River	Green/ Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Total Dissolved Solids	Habitat Modification - Other than Hydromodification; Surface Mining
Pond River 20.8 to 31.2	10.4 miles	KY501053_ 03	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Coal Mining (Subsurface); Habitat Modification - Other than Hydromodification; Surface Mining
Pond River 61.2 to 71.4	10.2 miles	KY501053_ 05	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Pond Run 0.0 to 6.8	6.8 miles	KY501057_ 01	River	Green/ Tradewater	Green River	05110004	Ohio	5-PS	PCR	Fecal Coliform	Source Unknown
Poor Fork of Cumberland River 14.9 to 16.3	1.4 miles	KY514707_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Sedimentation/	Rural (Residential Areas), Site Clearance (Land Development or Redevelopment)
Poor Fork of Cumberland River 14.9 to 16.3	1.4 miles	KY514707_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	5-PS	WAH	Specific Conductance	Coal Mining
Pope Lick Creek 0.0 to 2.1	2.1 miles	KY501089_ 01	River	Salt/Licking	Salt River	05140103	Jefferson	5-NS	PCR	Escherichia coli	Municipal Point Source Discharges; Unspecified Urban Stormwater
Pope Lick Creek 2.1 to 5.5	3.4 miles	KY501089_ 02	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Municipal Point Source Discharges; Unspecified Urban Stormwater
Poplar Creek 4.7 to 5.85	1.15 miles	KY514710_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-NS	PCR	Escherichia coli	Package Plant or Other Permitted Small Flows Discharges

Waterbody &	Total	Waterbody	Water		D (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Poplar Creek 4.7 to 5.85	1.15 miles	KY514710_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Ammonia (Total)	Package Plant or Other Permitted Small Flows Discharges
Poplar Creek 4.7 to 5.85	1.15 miles	KY514710_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
Poplar Creek 4.7 to 5.85	1.15 miles	KY514710_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Phosphorus (Total)	Package Plant or Other Permitted Small Flows Discharges
Potter Fork 0.0 to 4.4	4.4 miles	KY501199_ 00	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Potter Fork 0.0 to 4.4	4.4 miles	KY501199_ 00	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Powder Mill Creek 0.0 to 4.9	4.9 miles	KY514748_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-PS	WAH	Cause Unknown	Non-Point Source
Pretty Run 0.0 to 8.0	8 miles	KY501310_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Cause Unknown	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source
Prickly Ash Creek 0.0 to 3.1	3.1 miles	KY514770_ 00	River	Salt/Licking	Licking River	05100101	Bath	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Puncheon Branch 0.0 to 3.6	3.6 miles	KY501437_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Puncheon Branch 0.0 to 3.6	3.6 miles	KY501437_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Puncheon Branch 0.0 to 3.6	3.6 miles	KY501437_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Puncheon Branch 0.0 to 3.6	3.6 miles	KY501437_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Puncheon Camp Creek 0.0 to 1.15	1.15 miles	KY501442_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	PCR	Fecal Coliform	Source Unknown
Puncheon Camp Creek 0.0 to 3.5	3.5 miles	KY501441_ 00	River	Kentucky	Kentucky River	05100202	Breathitt	5-PS	WAH	Cause Unknown	Source Unknown
Quicksand Creek 0.0 to 17.0	17 miles	KY501481_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	PCR	Fecal Coliform	Source Unknown
Quicksand Creek 0.0 to 17.0	17 miles	KY501481_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Cause Unknown	Source Unknown
Quicksand Creek 0.0 to 17.0	17 miles	KY501481_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-PS	WAH	Turbidity	Coal Mining; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Quicksand Creek 21.7 to 30.8	9.1 miles	KY501481_ 02	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/ Destabilization; Surface Mining

2012 303(d) List

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Quicksand Creek 21.7 to 30.8	9.1 miles	KY501481_ 02	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/ Destabilization; Surface Mining
Quicksand Creek 21.7 to 30.8	9.1 miles	KY501481_ 02	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Turbidity	Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/ Destabilization; Surface Mining
Raccoon Creek 0.0 to 2.3	2.3 miles	KY514819_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Jackson	5-PS	WAH	Cause Unknown	Source Unknown
Raccoon Creek 0.0 to 2.7	2.7 miles	KY514818_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production; Silviculture Activities; Unrestricted Cattle Access
Raccoon Creek 5.6 to 7.4	1.8 miles	KY501505_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining
Raccoon Creek 5.6 to 7.4	1.8 miles	KY501505_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Pike	5-PS	WAH	Total Dissolved Solids	Surface Mining
Raleigh Fork 0.0 to 1.1	1.1 miles	KY501540_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Letcher	5-PS	WAH	Specific Conductance	Coal Mining
Raleigh Fork 0.0 to 1.1	1.1 miles	KY501540_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Letcher	5-PS	WAH	Total Dissolved Solids	Coal Mining
Rattlesnake Creek 0.0 to 1.2	1.2 miles	KY501593_ 01	River	Kentucky	Kentucky River	05100205	Grant	5-NS	WAH	Cause Unknown	Source Unknown

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

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

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Rhodes Creek 2.2 to 7.5	5.3 miles	KY501759_ 02	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Non- irrigated Crop Production
Rhodes Creek 2.2 to 7.5	5.3 miles	KY501759_ 02	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Phosphorus (Total)	Irrigated Crop Production; Non-irrigated Crop Production
Rhodes Creek 2.2 to 7.5	5.3 miles	KY501759_ 02	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Richland Creek 0.0 to 0.8	0.8 miles	KY501823_ 00	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Specialty Crop Production
Richland Creek 0.0 to 4.5	4.5 miles	KY501821_ 00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Managed Pasture Grazing
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Iron	Coal Mining; Non-Point Source
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Urban Runoff/Storm Sewers
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Oxygen, Dissolved	Source Unknown
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/ Siltation	Non-Point Source
Richland Slough 0.0 to 3.95	3.95 miles	KY501825_ 00	River	Green/ Tradewater	Green River	05110005	Henderson	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Non-irrigated Crop Production
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	PCR; SCR; WAH	рH	Acid Mine Drainage; Coal Mining; Petroleum/Natural Gas Activities
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Inappropriate Waste Disposal; Loss of Riparian Habitat

231

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Inappropriate Waste Disposal; Loss of Riparian Habitat
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Channelization; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation; Silviculture Activities
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Right Fork Beaver Creek 30.3 to 33.4	3.1 miles	KY501863_ 04	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Right Fork Beaver Creek 30.3 to 33.4	3.1 miles	KY501863_ 04	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Right Fork Beaver Creek 30.3 to 33.4	3.1 miles	KY501863_ 04	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining
Right Fork Beaver Creek 30.3 to 33.4	3.1 miles	KY501863_ 04	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Right Fork											Coal Mining;
Beaver Creek	3.1 milee	KY501863_ 04	Divor	Sandy/	Big Sandy	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Activities
30.3 to 33.4	miles	04	River	Tygarts	River	05070203	KHOLL	5-25	WAN	501105	On-site Treatment
											Systems (Septic Systems
D:										Nutrient/	and Similar Decentralized
Right Fork Beaver Creek	5.9	KY501863		Sandy/	Big Sandy					Eutrophication Biological	Systems); Package Plant or Other Permitted Small
17.4 to 23.3	miles	02	River	Tygarts	River	05070203	Floyd	5-NS	WAH	Indicators	Flows Discharges
Right Fork				Jguite				0.10			Coal Mining;
Beaver Creek	5.9	KY501863_		Sandy/	Big Sandy					Specific	Petroleum/Natural Gas
17.4 to 23.3	miles	02	River	Tygarts	River	05070203	Floyd	5-NS	WAH	Conductance	Activities
Right Fork Beaver Creek	5.9	KY501863		Sandy/	Big Sandy					Total Dissolved	Coal Mining; Petroleum/Natural Gas
17.4 to 23.3	5.9 miles	02	River	Tygarts	River	05070203	Floyd	5-NS	WAH	Solids	Activities
171110 2010		02	1.1701	IJguito		00070200	1 logu	0.110		Nutrient/	Inappropriate Waste
Right Fork										Eutrophication	Disposal; Package Plant
Beaver Creek	7	KY501863_		Sandy/	Big Sandy					Biological	or Other Permitted Small
23.3 to 30.3	miles	03	River	Tygarts	River	05070203	Knott	5-NS	WAH	Indicators	Flows Discharges
Right Fork Beaver Creek	7	KY501863		Sandy/	Big Sandy					Specific	Coal Mining; Petroleum/Natural Gas
23.3 to 30.3	, miles	03	River	Tygarts	River	05070203	Knott	5-NS	WAH	Conductance	Activities
Right Fork				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							Coal Mining;
Beaver Creek	7	KY501863_		Sandy/	Big Sandy					Total Dissolved	Petroleum/Natural Gas
23.3 to 30.3	miles	03	River	Tygarts	River	05070203	Knott	5-NS	WAH	Solids	Activities
Right Fork										Nutrient/ Eutrophication	On-site Treatment Systems (Septic Systems
Beaver Creek	4.5	KY501863		Sandy/	Big Sandy					Biological	and Similar Decentralized
33.4 to 37.9	miles	05	River	Tygarts	River	05070203	Knott	5-NS	WAH	Indicators	Systems)
Right Fork											Coal Mining;
Beaver Creek	4.5	KY501863_		Sandy/	Big Sandy					Specific	Petroleum/Natural Gas
33.4 to 37.9	miles	05	River	Tygarts	River	05070203	Knott	5-NS	WAH	Conductance	Activities
Right Fork Beaver Creek	4.5	KY501863		Sandy/	Big Sandy					Total Dissolved	Coal Mining; Petroleum/Natural Gas
33.4 to 37.9	miles	05	River	Tygarts	River	05070203	Knott	5-NS	WAH	Solids	Activities
Right Fork				,							
Lacy Creek	2.2	KY501894_			Kentucky					Sedimentation/	Crop Production (Crop
0.0 to 2.2	miles	01	River	Kentucky	River	05100204	Wolfe	5-PS	WAH	Siltation	Land or Dry Land)

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Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Right Fork	0.20		. , , , , , , , , , , , , , , , , , , ,				000111	90.9		pa	
Millstone Creek	1.6	KY501910_			Kentucky					Sedimentation/	
0.0 to 1.6	miles	01	River	Kentucky	River	05100201	Letcher	5-NS	WAH	Siltation	Surface Mining
Right Fork Millstone Creek	1.6	KY501910			Kentucky					Total Dissolved	
0.0 to 1.6	miles	01	River	Kentucky	River	05100201	Letcher	5-NS	WAH	Solids	Surface Mining
Right Fork Newcombe Creek 0.0 to 4.2	4.2 miles	KY501913_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Managed Pasture Grazing; Sand/Gravel/Rock Mining or Quarries; Surface Mining Habitat Modification -
Right Fork Newcombe Creek 0.0 to 4.2	4.2 miles	KY501913_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Total Dissolved Solids	Other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Sand/Gravel/Rock Mining or Quarries; Surface Mining
Right Fork of Little Paint Creek 0.4 to 2.1	1.7 miles	KY501903_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- Point Source
Right Fork of Middle Fork of Licking River 3.1 to 4.6	1.5 miles	KY501899_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non- Point Source; Rural (Residential Areas); Urban Runoff/Storm Sewers

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Right Fork of Panther Fork 0.0 to 1.05	1.05 miles	KY501915_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Specific Conductance	Surface Mining
Right Fork of Whitecabin Branch 0.0 to 1.1	1.1 miles	KY501938_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Specific Conductance	Surface Mining
Righthand Fork 0.0 to 2.0	2 miles	KY501946_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Righthand Fork 0.0 to 2.0	2 miles	KY501946_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Road Run 0.0	7.1	KY502031_								Phosphorus	Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Urban Runoff/Storm Sewers; Wet Weather Discharges
to 7.1	miles	01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	(Total)	(Non-Point Source)

2012 303(d) List

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s) Impacts from
											Hydrostructure Flow
											Regulation/Modification;
											Impervious Surface/Parking Lot
											Runoff; Loss of Riparian
											Habitat; Municipal
											(Urbanized High Density Area); Municipal Point
											Source Discharges;
											Streambank Modifications/
											Destabilization; Urban Runoff/Storm Sewers;
Road Run 0.0	7.1	KY502031_								Sedimentation/	Wet Weather Discharges
to 7.1	miles	01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH PCR;	Siltation	(Non-Point Source)
Roaring Paunch Creek	7.8	KY514993		Tenn/Miss/	Upper				SCR;		Acid Mine Drainage;
7.8 to 15.6	miles	02	River	Cumberland	Cumberland	05130101	McCreary	5-NS	WAH	рН	Legacy Coal Extraction
											Channelization; Highway/Road/Bridge
											Runoff (Non-construction
Rob Fork 0.0 to	1	KY502049_		Sandy/	Big Sandy					Sedimentation/	Related); Loss of Riparian
1.0	miles	01	River	Tygarts	River	05070202	Pike	5-NS	WAH	Siltation	Habitat; Surface Mining Highway/Road/Bridge
Rob Fork 0.0 to	1	KY502049		Sandy/	Big Sandy					Specific	Runoff (Non-construction
1.0	miles	01	River	Tygarts	River	05070202	Pike	5-NS	WAH	Conductance	Related); Surface Mining
Robinson										Nutrient/ Eutrophication	
Creek 9.8 to	1.2	KY502090		Green/						Biological	Agriculture; Non-Point
11.0	miles	01	River	Tradewater	Green River	05110001	Taylor	5-PS	WAH	Indicators	Source
Robinson Creek 9.8 to	1.2	KY502090		Green/						Sedimentation/	Agriculture; Non-Point
11.0	miles	01	River	Tradewater	Green River	05110001	Taylor	5-PS	WAH	Siltation	Source
Rock Creek	4.3	KY515024_		Tenn/Miss/	Upper					Cause	
0.0 to 4.3	miles	01	River	Cumberland	Cumberland	05130104	McCreary	5-NS	WAH	Unknown	Source Unknown
Rock Creek	5	KY515024_		Tenn/Miss/	Upper						
16.5 to 21.5	miles	03	River	Cumberland	Cumberland	05130104	McCreary	5-PS	FC	Methylmercury	Source Unknown

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Rock Fork 0.0 to 7.0	7 miles	KY502115_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Rock Fork 0.0 to 7.0	7 miles	KY502115_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Dredging (e.g., for Navigation Channels); Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation
Rock Fork 0.0 to 7.0	7 miles	KY502115_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Rock Fork 0.0 to 7.0	7 miles	KY502115_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Rock Fork 0.0 to 4.0	4 miles	KY515026_ 01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land)
Rock Fork 0.0 to 4.0	4 miles	KY515026_ 01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels)
Rockcastle Creek 13.25 to 15.3	2.05 miles	KY502158_ 03	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Sedimentation/ Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining

2012 303(d) List

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Rockcastle Creek 3.7 to 13.25	9.55 miles	KY502158_ 02	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Channelization; Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater
Rockcastle Creek 3.7 to 13.25	9.55 miles	KY502158_ 02	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Surface Mining; Unspecified Urban Stormwater
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-NS	PCR	Escherichia coli	Non-Point Source; Rural (Residential Areas)
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Sedimentation/ Siltation	Post-development Erosion and Sedimentation; Surface Mining
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Specific Conductance	Surface Mining
Rockcastle Creek 0.0 to 3.7	3.7 miles	KY502158_ 01	River	Sandy/ Tygarts	Big Sandy River	05070204	Lawrence	5-PS	WAH	Total Suspended Solids (TSS)	Post-development Erosion and Sedimentation; Surface Mining
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_ 01	River	Kentucky	Kentucky River	05100201	Letcher	5-NS	PCR	Fecal Coliform	Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Waterbody &	Total Size	Waterbody ID	Water	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate-	Use	Impoirmont	Suspected Source(s)
Segment Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_ 01	Type	Kentucky	Kentucky River	05100201	Letcher	gory 5-PS	WAH	Impairment Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_ 01	River	Kentucky	Kentucky River	05100201	Letcher	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
Rockhouse Creek 0.0 to 3.6	3.6 miles	KY502192_ 01	River	Kentucky	Kentucky River	05100201	Letcher	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Rockhouse Fork 0.0 to 2.1	2.1 miles	KY502201_ 01	River	Sandy/ Tygarts	Ohio River	05090103	Greenup	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-Point Source
Rockhouse Fork 0.0 to 2.1	2.1 miles	KY502201_ 01	River	Sandy/ Tygarts	Ohio River	05090103	Greenup	5-PS	WAH	Specific Conductance	Coal Mining
Rockhouse Fork 0.0 to 6.4	6.4 miles	KY502205_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-Point Source; Post- development Erosion and Sedimentation; Surface Mining
Rockhouse Fork 0.0 to 6.4	6.4 miles	KY502205_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Specific Conductance	Loss of Riparian Habitat; Non-Point Source; Surface Mining
Rockhouse Fork 0.0 to 6.4	6.4 miles	KY502205_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Surface Mining

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Rocky Branch 0.0 to 3.2	3.2 miles	KY502230_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction); Post- development Erosion and Sedimentation; Surface Mining; Unspecified Urban Stormwater
Rocky Branch 0.0 to 3.2	3.2 miles	KY502230_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Total Dissolved Solids	Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater
Rocky Run 0.0 to 2.3	2.3 miles	KY502264_ 01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	PCR	Escherichia coli	Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access
Rolling Fork 0.0 to 37.75	37.75 miles	KY502293_ 01	River	Salt/Licking	Salt River	05140103	Bullitt	5-NS	PCR	Escherichia coli	Source Unknown
Rose Fork 0.0 to 3.1	3.1 miles	KY502332_ 01	River	Kentucky	Kentucky River	05100204	Wolfe	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Rough River 0.0 to 10.4	10.4 miles	KY502390_ 01	River	Green/ Tradewater	Green River	05110004	McLean	5-NS	PCR	Fecal Coliform	Source Unknown
Rough River 0.0 to 10.4	10.4 miles	KY502390_ 01	River	Green/ Tradewater	Green River	05110004	McLean	5-PS	SCR	Fecal Coliform	Source Unknown
Rough River 0.0 to 10.4	10.4 miles	KY502390_ 01	River	Green/ Tradewater	Green River	05110004	McLean	5-NS	WAH	Iron	Source Unknown
Rough River 0.0 to 10.4	10.4 miles	KY502390_ 01	River	Green/ Tradewater	Green River	05110004	McLean	5-NS	WAH	Lead	Source Unknown
Rough River 125.2 to 149.4	24.2 miles	KY502390_ 06	River	Green/ Tradewater	Green River	05110004	Hardin	5-PS	PCR	Fecal Coliform	Source Unknown
Rough River 55.1 to 64.3	9.2 miles	KY502390_ 04	River	Green/ Tradewater	Green River	05110004	Ohio	5-NS	PCR	Fecal Coliform	Source Unknown
Rough River 55.1 to 64.3	9.2 miles	KY502390_ 04	River	Green/ Tradewater	Green River	05110004	Ohio	5-NS	SCR	Fecal Coliform	Source Unknown

240

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Rough River 55.1 to 64.3	9.2 miles	KY502390_ 04	River	Green/ Tradewater	Green River	05110004	Ohio	5-NS	WAH	Iron	Source Unknown
Rough River Reservoir	5100 acres	KY502353_ 00	Fresh- water Reser- voir	Green/ Tradewater	Green River	05110004	Hardin	5-PS	FC	Mercury in Fish Tissue	Source Unknown
Roundstone Creek 0.0 to 10.9	10.9 miles	KY515136_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Rockcastle	5-PS	PCR	Escherichia coli	Source Unknown
Roundstone Creek 17.1 to 23.9	6.8 miles	KY515136_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Rockcastle	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non- irrigated Crop Production
Roundstone Creek 17.1 to 23.9	6.8 miles	KY515136_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Rockcastle	5-NS	WAH	Oxygen, Dissolved	Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non- irrigated Crop Production
Roundstone Creek 17.1 to 23.9	6.8 miles	KY515136_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Rockcastle	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non- irrigated Crop Production
Royal Spring 0.0 to 0.7	0.7 miles	KY502438_ 01	Spring	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Nitrogen (Total)	Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater
Royal Spring 0.0 to 0.7	0.7 miles	KY502438_ 01	Spring	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Phosphorus (Total)	Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater
Running Slough 0.3 to 15.7	15.4 miles	KY502469_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010202	Fulton	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
Running Slough 0.3 to 15.7	15.4 miles	KY502469_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010202	Fulton	5-PS	WAH	Turbidity	Crop Production (Crop Land or Dry Land)

Waterbody &	Total	Waterbody	Water		D (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Ryans Creek 0.0 to 5.7	5.7 miles	KY515156_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	5-NS	WAH	Total Suspended Solids (TSS)	Surface Mining
Sadler Creek 0.0 to 2.4	2.4 miles	KY515171_ 01	River	Green/ Tradewater	Ohio River	05140203	Livingston	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Rural (Residential Areas)
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Sedimentation/ Siltation	Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Salisbury Branch 0.0 to 1.8	1.8 miles	KY502805_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Knott	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Sallys Branch 0.00 to 2.90	2.9 miles	KY515184_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Source Unknown
Salt Lick Creek 0.0 to 1.4	1.4 miles	KY502826_ 00	River	Green/ Tradewater	Green River	05110002	Warren	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Salt Lick Creek 0.0 to 1.4	1.4 miles	KY502826_ 00	River	Green/ Tradewater	Green River	05110002	Warren	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Nitrogen (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Oxygen, Dissolved	Source Unknown
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Phosphorus (Total)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Salt Lick Creek 0.2 to 7.2	7 miles	KY502828_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Runoff from Forest/Grassland/ Parkland Non-irrigated Crop
Salt Lick Creek 3.0 to 8.0	5 miles	KY515191_ 01	River	Salt/Licking	Licking River	05100101	Bath	5-PS	WAH	Sedimentation/ Siltation	Production; Rangeland Grazing
Salt River 11.7	14.2	KY502830_									Ŭ
to 25.9	miles	01	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	FC	Methylmercury	Source Unknown
Salt River 11.7 to 25.9	14.2 miles	KY502830_ 01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	PCR	Escherichia coli	Source Unknown
Salt River 11.7 to 25.9	14.2 miles	KY502830_ 01	River	Salt/Licking	Salt River	05140102	Bullitt	5-PS	WAH	Cause Unknown	Source Unknown
Salt River 111.9 to 135.25	23.35 miles	KY502830_ 07	River	Salt/Licking	Salt River	05140102	Mercer	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Non-Point Source
Salt River 77.8 to 88.8	11 miles	KY502830_ 05	River	Salt/Licking	Salt River	05140102	Anderson	5-NS	PCR	Escherichia coli	Source Unknown
Salt River of Sixmile Creek 0.0 to 4.5	4.5 miles	KY502831_ 01	River	Kentucky	Kentucky River	05100205	Henry	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Habitat Modification - Other than Hydromodification
Sam Branch 0.0 to 0.5	0.5 miles	KY502871_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat
Sampson Branch 0.00 to 4.70	4.7 miles	KY515208_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Source Unknown

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Sand Lick Creek 0.0 to 4.0	4 miles	KY502963_ 00	River	Green/ Tradewater	Green River	05110003	Muhlenberg	5-PS	WAH	Cause Unknown	Source Unknown
Sand Lick Fork	5.3	KY515225_			Kentucky					Cause	
0.0 to 5.3	miles	01	River	Kentucky	River	05100204	Powell	5-NS	WAH	Unknown	Source Unknown
Scenic Lake	18 acres	KY503039_ 00	Fresh- water Reser- voir	Green/ Tradewater	Ohio River	05140202	Henderson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Contaminated Sediments; Internal Nutrient Recycling
Schultz Creek 4.7 to 7.5	2.8 miles	KY503068_ 02	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat
Scott Creek 2.1 to 3.9	1.8 miles	KY515299_ 01	River	Salt/Licking	Licking River	05100101	Rowan	5-NS	WAH	Cause Unknown	Source Unknown
Scrubgrass Creek 0.0 to 1.6	1.6 miles	KY503123_ 00	River	Salt/Licking	Licking River	05100101	Nicholas	5-NS	WAH	Cause Unknown	Source Unknown
Sexton Creek 0.1 to 17.2	17.1 miles	KY515329_ 01	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related)
Shawnee Creek 0.0 to 3.2	3.2 miles	KY503285_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010100	Ballard	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges
Shawnee Creek 0.0 to 3.2	3.2 miles	KY503285_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges
Shawnee Creek 0.0 to 3.2	3.2 miles	KY503285_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges
Shawnee Creek 0.0 to 3.2	3.2 miles	KY503285_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Loss of Riparian Habitat; Natural Sources
Shawnee Creek 3.2 to 12.4	9.2 miles	KY503285_ 02	River	Tenn/Miss/ Cumberland	Mississippi River	08010100	Ballard	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Loss of Riparian Habitat

244

Waterbody &	Total Size	Waterbody ID	Water	Watarabad	Basin ⁽¹⁾	8-Digit HUC	Country	Cate-	Use	Impoirmont	Supported Source(a)
Segment	Size	KYShawne	Туре	Watershed	Dasin	пос	County	gory	Use	Impairment	Suspected Source(s)
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	e_Creek_Sl ough 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Iron	Source Unknown
Shawnee		KYShawne									
Creek Slough	3.7	e Creek SI		Tenn/Miss/	Mississippi						
0.0 to 3.7	miles	ough 01	River	Cumberland	River	08010100	Ballard	5-NS	WAH	Lead	Source Unknown
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawne e_Creek_Sl ough_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Other Recreational Pollution Sources
Shawnee Creek Slough 0.0 to 3.7	3.7 miles	KYShawne e_Creek_Sl ough_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010100	Ballard	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Other Recreational Pollution Sources
Shelby Creek	6	KY503319_		Sandy/	Big Sandy						
0.0 to 6.0	miles	01	River	Tygarts	River	05070202	Pike	5-PS	PCR	Escherichia coli	Source Unknown
Shelby Creek 0.0 to 6.0	6 miles	KY503319_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Shelby Creek	6	KY503319_		Sandy/	Big Sandy					Specific	
0.0 to 6.0	miles	01	River	Tygarts	River	05070202	Pike	5-PS	WAH	Conductance	Surface Mining
Shelby Creek	6	KY503319_		Sandy/	Big Sandy					Total Dissolved	
0.0 to 6.0	miles	01	River	Tygarts	River	05070202	Pike	5-PS	WAH	Solids	Surface Mining
Shelby Creek 6.0 to 13.3	7.3 miles	KY503319_ 02	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Channelization; Loss of Riparian Habitat
Shelby Creek 6.0 to 13.3	7.3 miles	KY503319_ 02	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Channelization; Loss of Riparian Habitat
Shelby Creek 6.0 to 13.3	7.3 miles	KY503319_ 02	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-PS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Surface Mining
Shelby Lake	17 acres	KY503322_ 00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Internal Nutrient Recycling

245

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Short Creek	5	KY503442_	Турс	Valershed	Duoin	1100	County	gory	030	Cause	
0.0 to 5.0	miles	01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Unknown	Source Unknown
Silver Creek 11.1 to 29.8	18.7 miles	KY503507_ 02	River	Kentucky	Kentucky River	05100205	Madison	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Post- development Erosion and Sedimentation
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Iron	Coal Mining
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Sedimentation/ Siltation	Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-PS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)
Sims Fork 0.0 to 5.2	5.2 miles	KY515430_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Cause Unknown	Source Unknown
Sims Fork 0.0 to 5.2	5.2 miles	KY515430_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Sedimentation/ Siltation	Surface Mining
Sinking Creek 15.4 to 39.75	24.35 miles	KY515434_ 03	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	PCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges

Waterbody &	Total	Waterbody	Water		D (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_ 02	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	САН	Nutrient/ Eutrophication Biological Indicators	Agriculture
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_ 02	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	САН	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_ 02	River	Salt/Licking	Salt River	05140104	Breckinridge	5-PS	САН	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Sinking Creek 8.7 to 15.4	6.7 miles	KY515434_ 02	River	Salt/Licking	Salt River	05140104	Breckinridge	5-NS	PCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges
Sinking Creek 13.35 to 17.65	4.3 miles	KY515433_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Cause Unknown	Non-Point Source; Urban Runoff/Storm Sewers
Sinking Fork 13.6 to 16.8	3.2 miles	KY503569_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
Sinking Fork 13.6 to 16.8	3.2 miles	KY503569_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Source Unknown
Sinking Fork 31.0 to 32.7	1.7 miles	KY503569_ 04	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat
Sinking Fork Little River 2.1 to 5.55	3.45 miles	KY503569_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-NS	PCR	Escherichia coli	Source Unknown
Sinking Fork Little River 2.1 to 5.55	3.45 miles	KY503569_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	5-NS	WAH	Sedimentation/ Siltation	Agriculture
Sizemore Branch 0.0 to 2.0	2 miles	KY503590_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Sizemore	0120		турс	Watershed	Daoin	1100	County	gory	030	impaintent	Coal Mining;
Branch 0.0 to	2	KY503590_		Sandy/	Big Sandy					Total Dissolved	Petroleum/Natural Gas
2.0	miles	01	River	Tygarts	River	05070203	Floyd	5-NS	WAH	Solids	Activities
Skaggs Creek	10.8	KY503595		Green/		00010200	1.090	0.10			
12.7 to 23.5	miles	01	River	Tradewater	Green River	05110002	Barren	5-NS	PCR	Fecal Coliform	Source Unknown
Skees KW#1	1	KY499512-		Green/			24.1011	0.10			
(9000-1398)	miles	79.0 00	Spring	Tradewater	Green River	05110001	Hardin	5-NS	PCR	Escherichia coli	Source Unknown
,										Nutrient/	
										Eutrophication	
Skees KW#1	1	KY499512-		Green/						Biological	
(9000-1398)	miles	79.0_00	Spring	Tradewater	Green River	05110001	Hardin	5-PS	WAH	Indicators	Source Unknown
										Nutrient/	
										Eutrophication	
Skegg Creek	3.3	KY515451_		Tenn/Miss/	Upper					Biological	
0.0 to 3.3	miles	01	River	Cumberland	Cumberland	05130102	Rockcastle	5-PS	WAH	Indicators	Source Unknown
Skegg Creek	3.3	KY515451_		Tenn/Miss/	Upper					Sedimentation/	
0.0 to 3.3	miles	01	River	Cumberland	Cumberland	05130102	Rockcastle	5-PS	WAH	Siltation	Source Unknown
Skinframe											
Creek 0.0 to	4.8	KY503607_		Tenn/Miss/	Lower					Cause	
4.8	miles	00	River	Cumberland	Cumberland	05130205	Lyon	5-NS	CAH	Unknown	Source Unknown
Skinner Creek	5.9	KY503615_		Tenn/Miss/	Lower					Cause	
0.0 to 5.9	miles	01	River	Cumberland	Cumberland	05130205	Trigg	5-NS	WAH	Unknown	Source Unknown
Slate Creek	13.55	KY515470_									
0.0 to 13.55	miles	01	River	Salt/Licking	Licking River	05100101	Bath	5-PS	PCR	Fecal Coliform	Source Unknown
Slate Creek	13.55	KY515470_								Cause	
0.0 to 13.55	miles	01	River	Salt/Licking	Licking River	05100101	Bath	5-PS	WAH	Unknown	Source Unknown
Slate Creek	4.25	KY515470_								Cause	
52.9 to 57.15	miles	05	River	Salt/Licking	Licking River	05100101	Menifee	5-PS	WAH	Unknown	Source Unknown
Smith Branch	1.05	KY1270575		Tenn/Miss/	Lower					Cause	Agriculture; Loss of
0.00 to 1.05	miles	_01	River	Cumberland	Cumberland	05130206	Logan	5-PS	WAH	Unknown	Riparian Habitat
Smith Branch	1.8	KY503736_			Kentucky					Specific	Mountaintop Mining;
0.7 to 2.5	miles	01	River	Kentucky	River	05100201	Knott	5-NS	WAH	Conductance	Surface Mining
Smith Branch	1.8	KY503736_	D .		Kentucky					Total Dissolved	Mountaintop Mining;
0.7 to 2.5	miles	01	River	Kentucky	River	05100201	Knott	5-NS	WAH	Solids	Surface Mining
Smith Creek	2.3	KY503783_	D .	Sandy/	Tygarts					Sedimentation/	Livestock (Grazing or
2.0 to 4.3	miles	01	River	Tygarts	Creek	05090103	Carter	5-PS	WAH	Siltation	Feeding Operations)
Smith Creek	2.3	KY503783_	D .	Sandy/	Tygarts	05000400		- 50	14/41/	Temperature,	
2.0 to 4.3	miles	01	River	Tygarts	Creek	05090103	Carter	5-PS	WAH	Water	Source Unknown
Snag Creek	5	KY503833_	D.	0.11/1 - 1 -		05000004		- 10			
0.5 to 5.5	miles	00	River	Salt/Licking	Ohio River	05090201	Bracken	5-NS	PCR	Fecal Coliform	Source Unknown

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Snow Creek 0.0 to 3.9	3.9 miles	KY515528_ 01	River	Kentucky	Kentucky River	05100204	Powell	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Post- development Erosion and Sedimentation
Soldier Fork	5.5	KY515532_		Sandy/	Tygarts					Cause	
0.0 to 5.5	miles	01	River	Tygarts	Creek	05090103	Carter	5-PS	WAH	Unknown	Source Unknown
Soldier Fork 0.0 to 5.5	5.5 miles	KY515532_ 01	River	Sandy/ Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Non- Point Source; Source Unknown
South Elkhorn Creek 5.05 to 16.6	11.55 miles	KY503901_ 01	River	Kentucky	Kentucky River	05100205	Franklin	5-NS	PCR	Fecal Coliform	Agriculture; Managed Pasture Grazing; Manure Runoff; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
South Elkhorn Creek 5.05 to 16.6	11.55 miles	KY503901_ 01	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Chlorine	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges
South Elkhorn Creek 5.05 to 16.6	11.55 miles	KY503901_ 01	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Sedimentation/ Siltation	Erosion from Derelict Land (Barren Land); Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Sediment Resuspension (Clean Sediment)
South Elkhorn Creek 5.05 to 16.6	11.55 miles	KY503901_ 01	River	Kentucky	Kentucky River	05100205	Franklin	5-PS	WAH	Total Dissolved Solids	Erosion from Derelict Land (Barren Land); Loss of Riparian Habitat; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit		Cate-			
South Elkhorn Creek 16.6 to 34.5	Size 17.9 miles	ID KY503901_ 02	Type	Watershed Kentucky	Kentucky River	HUC 05100205	County	gory 5-NS	Use	Impairment Fecal Coliform	Suspected Source(s) Agriculture; Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Manure Runoff; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_ 02	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Chlorine	Municipal Point Source Discharges
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_ 02	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_ 02	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_ 02	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Rangeland Grazing; Urban Runoff/Storm Sewers
South Elkhorn Creek 16.6 to 34.5	17.9 miles	KY503901_ 02	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Total Dissolved Solids	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Rangeland Grazing
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_ 03	River	Kentucky	Kentucky River	05100205	Woodford	5-NS	PCR	Fecal Coliform	Source Unknown
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_ 03	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Chlorine	Source Unknown

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_ 03	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Source Unknown
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_ 03	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat; Source Unknown
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_ 03	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat
South Elkhorn Creek 34.5 to 52.7	18.2 miles	KY503901_ 03	River	Kentucky	Kentucky River	05100205	Woodford	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat
South Fork Bayou de Chien 2.0 to 7.4	5.4 miles	KY503904_ 02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land)
South Fork Beargrass Creek 0.0 to 2.7	2.7 miles	KY503905_ 01	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
South Fork Beargrass Creek 0.0 to 2.7	2.7 miles	KY503905_ 01	River	Salt/Licking	Salt River	05140101	Jefferson	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
South Fork Beargrass Creek 2.7 to 13.6	10.9 miles	KY503905_ 02	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
South Fork Beargrass Creek 2.7 to 13.6	10.9 miles	KY503905_ 02	River	Salt/Licking	Salt River	05140101	Jefferson	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
South Fork Currys Fork 0.0 to 6.1	6.1 miles	KY503919_ 01	River	Salt/Licking	Salt River	05140102	Oldham	5-NS	PCR	Escherichia coli	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
South Fork Gunpowder Creek 4.1 to 6.8	2.7 miles	KY503926_ 02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_ 01	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_ 01	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Package Plant or Other Permitted Small Flows Discharges
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_ 01	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Post- development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)
South Fork Gunpowder Creek 0.0 to 2.0	2 miles	KY503926_ 01	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Turbidity	Agriculture; Package Plant or Other Permitted Small Flows Discharges; Post- development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
South Fork Kentucky River 11.75 to 18.9	7.15 miles	KY515545_ 01	River	Kentucky	Kentucky River	05100203	Owsley	5-NS	PCR	Escherichia coli	Source Unknown
South Fork Licking River 11.6 to 16.95	5.35 miles	KY503932_ 03	River	Salt/Licking	Licking River	05100102	Pendleton	5-NS	PCR	Escherichia coli	Source Unknown
South Fork of Beaver Creek 0.0 to 3.2	3.2 miles	KY503906_ 01	River	Green/ Tradewater	Green River	05110002	Barren	5-PS	WAH	Cause Unknown	Highway/Road/Bridge Runoff (Non-construction Related); Source Unknown
South Fork of Bayou de Chien 0.0 to 2.0	2 miles	KY503904_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat
South Fork of Bayou de Chien 0.0 to 2.0	2 miles	KY503904_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat
South Fork of Colliers Creek 0.0 to 1.9	1.9 miles	KY485700_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Letcher	5-PS	WAH	Specific Conductance	Coal Mining; Legacy Coal Extraction
South Fork of Colliers Creek 0.0 to 1.9	1.9 miles	KY485700_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Letcher	5-PS	WAH	Total Dissolved Solids	Coal Mining; Legacy Coal Extraction
South Fork of Little Barren River 23.1 to 30.1	7 miles	KY503933_ 02	River	Green/ Tradewater	Green River	05110001	Metcalfe	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Municipal Point Source Discharges

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
South Fork of Little Barren River 23.1 to 30.1	7 miles	KY503933_ 02	River	Green/ Tradewater	Green River	05110001	Metcalfe	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Municipal Point Source Discharges
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Other	Source Unknown
South Fork of Little River 0.0 to 10.3	10.3 miles	KY503934_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Sedimentation/ Siltation Nutrient/	Agriculture
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Eutrophication Biological Indicators	Agriculture
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Other	Agriculture
South Fork of Little River 10.3 to 20.3	10 miles	KY503934_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Sedimentation/ Siltation	Agriculture
South Fork of Little River 21.3 to 26.1	4.8 miles	KY503934_ 03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Cause Unknown	Source Unknown
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_ 01	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Copper	Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/ Destabilization
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_ 01	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_ 01	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/ Destabilization
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_ 01	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/ Destabilization
South Fork of Panther Creek 0.0 to 2.4	2.4 miles	KY503939_ 01	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Irrigated Crop Production; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Harvesting; Streambank Modifications/ Destabilization
South Fork of Panther Creek 14.0 to 18.3	4.3 miles	KY503939_ 04	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Source Unknown
South Fork of Panther Creek 2.4 to 9.55	7.15 miles	KY503939_ 02	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	WAH	Cause Unknown	Source Unknown
South Fork of Panther Creek 9.55 to 14.0	4.45 miles	KY503939_ 03	River	Green/ Tradewater	Green River	05110005	Daviess	5-NS	PCR	Fecal Coliform	Managed Pasture Grazing
South Fork of Panther Creek 9.55 to 14.0	4.45 miles	KY503939_ 03	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
South Fork of Panther Creek 9.55 to 14.0	4.45 miles	KY503939_ 03	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production
South Fork of Rockcastle River 21.2 to 29.1	7.9 miles	KY515548_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/ Destabilization; Surface Mining
South Fork of Rockcastle River 21.2 to 29.1	7.9 miles	KY515548_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment); Streambank Modifications/ Destabilization; Surface Mining
South Fork Quicksand Creek 0.0 to 16.9	16.9 miles	KY503941_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
South Fork Quicksand Creek 0.0 to 16.9	16.9 miles	KY503941_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining
South Fork Ruin Creek 0.7 to 5.5	4.8 miles	KY503975_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Highways, Roads, Bridges, Infrastructure (New Construction)
South Long Run 0.0 to 3.35	3.35 miles	KY503961_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Escherichia coli	Source Unknown

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Southern Ditch 0.0 to 5.9	5.9 miles	KY503998_ 01	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
			Fresh- water								
Spa Lake	240 acres	KYCLN005 _00	Reser- voir	Green/ Tradewater	Green River	05110003	Logan	5-PS	SCR	Sedimentation/ Siltation	Natural Sources
Spears Creek 1.0 to 6.2	5.2 miles	KY504043_ 01	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Cause Unknown	Source Unknown
Spears Creek 1.0 to 6.2	5.2 miles	KY504043_ 01	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Spears Creek 1.0 to 6.2	5.2 miles	KY504043_ 01	River	Kentucky	Kentucky River	05100205	Boyle	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Streambank Modifications/ Destabilization
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	PCR; SCR; WAH	рН	Coal Mining; Petroleum/Natural Gas Activities
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Cause Unknown	Coal Mining; Petroleum/Natural Gas Activities
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Suspended Solids (TSS)	Coal Mining; Petroleum/Natural Gas Activities
Spring Creek 0.0 to 2.0	2 miles	KY504124_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture

Materia e du S	Tatal	Materilaselu	Mater			0 Divit		Cata			
Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Spring Creek	2	KY504124	туре	Tenn/Miss/	Tennessee	1100	County	gory	036	Sedimentation/	Agriculture;
0.0 to 2.0	miles	01	River	Cumberland	River	06040006	Graves	5-PS	WAH	Siltation	Channelization
Spring Creek	0.5	KY504129	1 11 101	Tenn/Miss/	Lower		Citaroo	0.0		Cause	onamonzation
3.0 to 3.5	miles	00	River	Cumberland	Cumberland	05130205	Lyon	5-NS	WAH	Unknown	Loss of Riparian Habitat
Spring Creek	1.8	KY504124		Tenn/Miss/	Tennessee					Sedimentation/	•
3.6 to 5.4	miles	02	River	Cumberland	River	06040006	Graves	5-NS	WAH	Siltation	Agriculture
Spring Fork 3.1 to 6.9	3.8 miles	KY504137_ 00	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Spring Fork 3.1 to 6.9	3.8 miles	KY504137_ 00	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
Spring Fork 3.1 to 6.9	3.8 miles	KY504137_ 00	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Spruce Creek	1.7	KY515617_	Discon	O a lt/l i a luira	Listin v Di	05100101			34/411	Sedimentation/	Grazing in Riparian or
0.0 to 1.7	miles	01	River	Salt/Licking	Licking River	05100101	Montgomery	5-PS	WAH	Siltation	Shoreline Zones Agriculture; Coal Mining; Loss of Riparian Habitat;
Spruce Pine Fork 0.0 to 1.4	1.4 miles	KY504179_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Mountaintop Mining; Non- Point Source; Rural (Residential Areas)
Spurlock Creek 0.0 to 0.6	0.6 miles	KY504191_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Spurlock Creek 0.0 to 0.6	0.6 miles	KY504191_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Spurlock Creek 0.6 to 4.0	3.4 miles	KY504191_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Spurlock Creek 0.6 to 4.0	3.4 miles	KY504191_ 02	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Sputzman Creek 1.3 to 4.4	3.1 miles	KY504196_ 00	River	Green/ Tradewater	Green River	05110005	Henderson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)
Squabble Creek 0.0 to 4.7	4.7 miles	KY515639_ 01	River	Kentucky	Kentucky River	05100202	Perry	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Surface Mining
Squabble Creek 0.0 to 4.7	4.7 miles	KY515639_ 01	River	Kentucky	Kentucky River	05100202	Perry	5-PS	WAH	Total Dissolved Solids	Site Clearance (Land Development or Redevelopment); Surface Mining
State Road Fork 0.0 to 1.4	1.4 miles	KY504284_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Channel Erosion/Incision from Upstream Hydromodifications; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
State Road Fork 0.0 to 1.4	1.4 miles	KY504284_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Station Camp Creek 0.0 to 21.3	21.3 miles	KY515669_ 01	River	Kentucky	Kentucky River	05100204	Jackson	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Other Recreational Pollution Sources
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Ammonia (Un- ionized)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) On-site Treatment
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Eutrophication Biological Indicators	Systems (Septic Systems and Similar Decentralized Systems)
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Steele Creek 0.0 to 2.4	2.4 miles	KY504308_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Steeles Run 0.0 to 5.1	5.1 miles	KY504312_ 01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Agriculture; Manure Runoff
Steeles Run 0.0 to 5.1	5.1 miles	KY504312_ 01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	SCR	Fecal Coliform	Agriculture; Manure Runoff
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Ammonia (Un- ionized)	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Petroleum/Natural Gas Activities
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Stephens Branch 0.0 to 2.6	2.6 miles	KY504331_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Stevens Creek 14.4 to 17.1	2.7 miles	KY504362_ 02	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing
Stevens Creek 14.4 to 17.1	2.7 miles	KY504362_ 02	River	Kentucky	Kentucky River	05100205	Owen	5-PS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing
Stevenson Branch 0.0 to 1.9	1.9 miles	KY504371_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-NS	WAH	Sedimentation/ Siltation	Silviculture Harvesting; Surface Mining
Stillwater Creek 0.0 to 3.5	3.5 miles	KY515715_ 01	River	Kentucky	Kentucky River	05100204	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Surface Mining
Stinking Creek 0.0 to 2.1	2.1 miles	KY515716_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	PCR; SCR; WAH	рН	Impacts from Abandoned Mine Lands (Inactive); Surface Mining
Stinking Creek 0.0 to 2.1	2.1 miles	KY515716_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Oil and Grease	Petroleum/Natural Gas Production Activities (Permitted); Source Unknown

Matarbady 8	Tatal	Watarbady	Water			9 Digit		Cate-			
Waterbody & Segment	Total Size	Waterbody ID	Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	gory	Use	Impairment	Suspected Source(s)
Stinking Creek	2.1 miles	KY515716_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Sedimentation/ Siltation	Channelization; Non- irrigated Crop Production; Petroleum/Natural Gas Activities; Surface Mining
Stinking Creek	6.3	KY515716_		Tenn/Miss/	Upper						Petroleum/Natural Gas
11.3 to 17.6	miles	02	River	Cumberland	Cumberland	05130101	Knox	5-PS	WAH	Chloride	Activities
Stinking Creek 11.3 to 17.6	6.3 miles	KY515716_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities
Stinking Creek	6.3	KY515716_		Tenn/Miss/	Upper					Specific	Petroleum/Natural Gas
11.3 to 17.6	miles	02	River	Cumberland	Cumberland	05130101	Knox	5-PS	WAH	Conductance	Activities
Stinnett Creek	3.4 miles	KY515718_ 01	River	Kentucky	Kentucky River	05100202	Leslie	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Residential Districts; Site Clearance (Land Development or Redevelopment)
Stinson Creek 0.0 to 3.3	3.3 miles	KY504434_ 01	River	Salt/Licking	Licking River	05100101	Magoffin	5-NS	WAH	Sedimentation/ Siltation	Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Stoner Creek	5.55	KY504482_	D.	0.11/1.1.1	1 · · ·	05400400		5 10	DOD		
0.0 to 5.55	miles	01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Source Unknown
Stoner Creek 17.3 to 30.1	12.8 miles	KY504482_ 04	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	PCR	Escherichia coli	Animal Feeding Operations; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Non-Point Source; Unrestricted Cattle Access

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

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Straight Creek 0.0 to 1.8	1.8 miles	KY504549_ 00	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Straight Creek 0.0 to 1.8	1.8 miles	KY504549_ 00	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Straight Creek 0.0 to 3.8	3.8 miles	KY504550_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Carter	5-PS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Silviculture Harvesting
Straight Creek 1.7 to 23.3	21.6 miles	KY515746_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Sedimentation/ Siltation	Channel Erosion/Incision from Upstream Hydromodifications; Loss of Riparian Habitat; Rural (Residential Areas); Surface Mining
Straight Creek 1.7 to 23.3	21.6 miles	KY515746_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-PS	WAH	Specific Conductance	Surface Mining
Straight Fork 0.0 to 1.1	1.1 miles	KY504559_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Specific Conductance	Surface Mining
Stratton Branch 0.4 to 2.1	1.7 miles	KY504571_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Surface Mining
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	PCR	Escherichia coli	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	PCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater
Strodes Creek 2.7 to 7.9	5.2 miles	KY504593_ 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction)
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_ 02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_ 02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_ 02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	SCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_ 02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Non-Point Source
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_ 02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater
Strodes Creek 7.9 to 19.3	11.4 miles	KY504593_ 02	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction)

Waterbody &	Total	Waterbody	Water	Motorched	Basin ⁽¹⁾	8-Digit	Country	Cate-		line einer eint	
Segment Strodes Creek 7.9 to 19.3	Size 11.4 miles	ID KY504593_ 02	Type	Watershed Salt/Licking	Licking River	HUC 05100102	County	gory 5-NS	Use	Impairment Specific Conductance	Suspected Source(s) Agriculture; Habitat Modification - Other than Hydromodification; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_ 03	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Escherichia coli	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_ 03	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_ 03	River	Salt/Licking	Licking River	05100102	Clark	5-NS	SCR	Fecal Coliform	Agriculture; Municipal Point Source Discharges; Non-Point Source
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_ 03	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers
Strodes Creek 19.3 to 26.4	7.1 miles	KY504593_ 03	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Non- Point Source; Urban Runoff/Storm Sewers
Sturgeon Creek 8.0 to 12.2	4.2 miles	KY515768_ 01	River	Kentucky	Kentucky River	05100204	Lee	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining
Sugar Camp Branch 0.0 to 1.4	1.4 miles	KY515781_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Pulaski	5-NS	PCR; SCR; WAH	рН	Source Unknown
Sugar Creek 0.0 to 1.3	1.3 miles	KY504653_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Ballard	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Sugar Creek	0.6	KY504654_	D .	Tenn/Miss/	Lower			- 110		Sedimentation/	A 1 11
1.3 to 1.9	miles	00	River	Cumberland	Cumberland	05130205	Christian	5-NS	WAH	Siltation	Agriculture
Sugar Creek	4.7	KY504655_ 01	Diver	Tenn/Miss/	Lower	05100005	Livingeter	5-PS	WAH	Cause	Loss of Riparian Habitat;
2.2 to 6.9	miles	01	River	Cumberland	Cumberland	05130205	Livingston	5-62	WAN	Unknown	Non-Point Source Highway/Road/Bridge
Sugar Creek	1.2	KY504657			Kentucky					Total Dissolved	Runoff (Non-construction
4.8 to 6.0	miles	01	River	Kentucky	River	05100205	Garrard	5-PS	WAH	Solids	Related)
4.0 10 0.0	mico	01	1 11 1001	Rentdoky		00100200	Ganaid	010	••/	001103	Channelization; Loss of
Sugg Creek	1.3	KY504712_		Green/						Sedimentation/	Riparian Habitat; Non-
0.0 to 1.3	miles	00	River	Tradewater	Ohio River	05140203	Union	5-NS	WAH	Siltation	irrigated Crop Production
											Channelization; Loss of
Sugg Creek	1.3	KY504712		Green/							Riparian Habitat; Non-
0.0 to 1.3	miles	00	River	Tradewater	Ohio River	05140203	Union	5-NS	WAH	Turbidity	irrigated Crop Production
										Nutrient/	
										Eutrophication	
Sulphur Creek	1.4	KY504735_			Kentucky					Biological	
0.0 to 1.4	miles	00	River	Kentucky	River	05100205	Henry	5-NS	WAH	Indicators	Agriculture
											Agriculture; Habitat
Sulphur Creek	1.4	KY504735_	D .		Kentucky			- 110		Sedimentation/	Modification - Other than
0.0 to 1.4	miles	00	River	Kentucky	River	05100205	Henry	5-NS	WAH	Siltation	Hydromodification
Sulphur Creek	10	KY504729_ 01	Diver	Calt/Lisking		05140100	A va el e ve e ve	5-PS	PCR	Fachariahia aali	Non Daint Course
0.0 to 10.0	miles	01	River	Salt/Licking	Salt River	05140103	Anderson	5-25	PCR	Escherichia coli	Non-Point Source Agriculture; Loss of
											Riparian Habitat;
Sunfish Creek	3.5	KY504792		Green/						Sedimentation/	Streambank Modifications/
6.8 to 10.3	miles	00	River	Tradewater	Green River	05110001	Grayson	5-PS	WAH	Siltation	Destabilization
0.0 10 10.0			1.1701	indonato.		00110001	Chaybon	010		Nutrient/	Dectabilization
Sweepstakes										Eutrophication	Irrigated Crop Production;
Branch 1.0 to	3	KY504845		Green/						Biological	Non-irrigated Crop
4.0	miles	00	River	Tradewater	Green River	05110005	Daviess	5-PS	WAH	Indicators	Production
Swift Camp											
Creek 0.0 to	13.95	KY515834_			Kentucky					Cause	
13.95	miles	01	River	Kentucky	River	05100204	Wolfe	5-PS	CAH	Unknown	Source Unknown
Sycamore											Habitat Modification -
Creek 0.0 to	1.6	KY504864_		Green/						Cause	Other than
1.6	miles	00	River	Tradewater	Green River	05110001	Edmonson	5-NS	WAH	Unknown	Hydromodification
Sycamore		10/50 4077		O a ra alta /	Dia Garata					0	
Creek 0.0 to	3.8	KY504877_	Diver	Sandy/	Big Sandy	05070000	Dile		14/411	Cause	
3.8	miles	01	River	Tygarts	River	05070203	Pike	5-PS	WAH	Unknown	Source Unknown

267

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Tate Creek 0.0 to 6.5	6.5 miles	KY504972_ 01	River	Kentucky	Kentucky River	05100205	Madison	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges
Tate Creek 0.0 to 6.5	6.5 miles	KY504972_ 01	River	Kentucky	Kentucky River	05100205	Madison	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges
Taylor Fork 0.0 to 4.0	4 miles	KY505019_ 00	River	Green/ Tradewater	Green River	05110001	Grayson	5-NS	WAH	Sedimentation/ Siltation	Managed Pasture Grazing; Unspecified Urban Stormwater
Taylorsville Reservoir	3050 acres	KY2571204 00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140102	Spencer	5-PS	FC	Methylmercury	Source Unknown
Taylorsville Reservoir	3050 acres	KY2571204 _00	Fresh- water Reser- voir	Salt/Licking	Salt River	05140102	Spencer	5-PS	WAH	Oxygen, Dissolved	Agriculture; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Upstream Source
Ten Mile Creek 0.0 to 3.0	3 miles	KY485704_ 01	River	Kentucky	Kentucky River	05100205	Grant	5-NS	PCR	Escherichia coli	Source Unknown
Ten Mile Creek 0.0 to 3.0	3 miles	KY485704_ 01	River	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Cause Unknown	Source Unknown
Ten Mile Creek 0.0 to 3.0	3 miles	KY485704_ 01	River	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Oxygen, Dissolved	Source Unknown
Tenmile Creek 0.05 to 1.15	1.1 miles	KY505071_ 01	River	Salt/Licking	Ohio River	05090201	Campbell	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Tenmile Creek 0.05 to 1.15	1.1 miles	KY505071_ 01	River	Salt/Licking	Ohio River	05090201	Campbell	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)
Terrapin Creek 2.8 to 6.9	4.1 miles	KY505081_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010202	Graves	5-PS	PCR	Escherichia coli	Source Unknown
Thompson Creek 0.0 to 9.3	9.3 miles	KY505206_ 01	River	Salt/Licking	Salt River	05140103	Washington	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Three Forks Creek 0.0 to 7.6	7.6 miles	KY505232_ 00	River	Kentucky	Kentucky River	05100205	Grant	5-PS	WAH	Sedimentation/ Siltation	Source Unknown
Three Lick Fork 0.0 to 3.3	3.3 miles	KY505247_ 00	River	Green/ Tradewater	Green River	05110004	Ohio	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-irrigated Crop Production
Three Lick Fork 0.0 to 3.3	3.3 miles	KY505247_ 00	River	Green/ Tradewater	Green River	05110004	Ohio	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Non- irrigated Crop Production; Surface Mining
Threemile Creek 0.1 to 4.7	4.6 miles	KY505251_ 00	River	Salt/Licking	Licking River	05100101	Campbell	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures); Source Unknown
Threemile Creek 0.1 to 4.7	4.6 miles	KY505251_ 00	River	Salt/Licking	Licking River	05100101	Campbell	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Sanitary Sewer Overflows (Collection System Failures)
Threemile Creek 0.1 to 4.7	4.6 miles	KY505251_ 00	River	Salt/Licking	Licking River	05100101	Campbell	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Sanitary Sewer Overflows (Collection System Failures)

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Tioga Creek 0.0 to 2.5	2.5 miles	KY505301_ 01	River	Salt/Licking	Salt River	05140104	Hardin	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); NPS Pollution from Military Base Facilities (Other than Port Facilities); Residential Districts; Upstream Source
Toms Creek 0.0 to 8.0	8 miles	KY505352_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Johnson	5-PS	WAH	Sedimentation/ Siltation	Sand/Gravel/Rock Mining or Quarries; Surface Mining
Town Branch 0.0 to 9.2	9.2 miles	KY505386_ 01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges; Unspecified Urban Stormwater
Town Branch 0.0 to 9.2	9.2 miles	KY505386_ 01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Town Branch 0.0 to 9.2	9.2 miles	KY505386_ 01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges
Town Branch 0.0 to 9.2	9.2 miles	KY505386_ 01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Specific Conductance	Agriculture; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Town Branch 10.8 to 12.1	1.3 miles	KY505386_ 03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Municipal (Urbanized High Density Area); Unspecified Urban Stormwater
Town Branch 10.8 to 12.1	1.3 miles	KY505386_ 03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	SCR	Fecal Coliform	Municipal (Urbanized High Density Area); Unspecified Urban Stormwater
Town Branch 10.8 to 12.1	1.3 miles	KY505386_ 03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Town Branch 10.8 to 12.1	1.3 miles	KY505386_ 03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source
Town Branch 10.8 to 12.1	1.3 miles	KY505386_ 03	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Specific Conductance	Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source Municipal Point Source
Town Branch 9.2 to 10.8	1.6 miles	KY505386_ 02	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Discharges; Urban Runoff/Storm Sewers
Town Branch 9.2 to 10.8	1.6 miles	KY505386_ 02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Loss of Riparian Habitat; Municipal (Urbanized High Density Area; Municipal Point Source Discharges); Urban Runoff/Storm Sewers
Town Branch 9.2 to 10.8	1.6 miles	KY505386_ 02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Loss of Riparian Habitat; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Town Branch 9.2 to 10.8	1.6 miles	KY505386_ 02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Municipal (Urbanized High Density Area)
Town Branch 9.2 to 10.8	1.6 miles	KY505386_ 02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Specific Conductance	Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Municipal Point Source Discharges
Town Branch 0.0 to 6.2	6.2 miles	KY505385_ 01	River	Green/ Tradewater	Green River	05110003	Logan	5-NS	FC	Polychlorinated Biphenyls	Industrial Point Source Discharge Crop Production (Crop
Trace Creek 0.2 to 4.6	4.4 miles	KY505424_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Land or Dry Land); Grazing in Riparian or Shoreline Zones; Silviculture Activities

Waterbody &	Total	Waterbody	Water		(4)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Trace Creek 0.2 to 4.6	4.4 miles	KY505424_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Sewage Discharges in Unsewered Areas
Trace Creek 0.2 to 4.6	4.4 miles	KY505424_ 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Silviculture Activities
Trace Fork 0.0 to 3.1	3.1 miles	KY505437_ 00	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Sedimentation/ Siltation	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/ Destabilization; Surface Mining
Trace Fork 0.0 to 3.1	3.1 miles	KY505437_ 00	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Total Dissolved Solids	Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
Trace Fork 0.0 to 3.1	3.1 miles	KY505437_ 00	River	Salt/Licking	Licking River	05100101	Magoffin	5-PS	WAH	Turbidity	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/ Destabilization; Surface Mining
Trace Fork	2.15	KY505441_	i		Kentucky						Unspecified Domestic
1.25 to 3.4 Trace Fork	miles 2.15	01 KY505441	River	Kentucky	River Kentucky	05100201	Knott	5-PS	PCR	Escherichia coli	Waste
1.25 to 3.4	miles	01	River	Kentucky	River	05100201	Knott	5-NS	SCR	Fecal Coliform	Source Unknown
Trace Fork 1.25 to 3.4	2.15 miles	KY505441_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Specific Conductance	Mountaintop Mining; Surface Mining

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Trace Fork 1.25 to 3.4	2.15 miles	KY505441_ 01	River	Kentucky	Kentucky River	05100201	Knott	5-NS	WAH	Total Dissolved Solids	Mountaintop Mining; Surface Mining
Tradewater	10.0	10/505400									Ŭ
River 0.0 to 16.8	16.8 miles	KY505460_ 01	River	Green/ Tradewater	Tradewater	05140205	Union	5-NS	PCR	Fecal Coliform	Agriculture
Tradewater River 20.6 to 46.4	25.8 miles	KY505460_ 02	River	Green/ Tradewater	Tradewater	05140205	Webster	5-NS	PCR	Fecal Coliform	Source Unknown
Tradewater River 20.6 to	25.8	KY505460_		Green/							
46.4	miles	02	River	Tradewater	Tradewater	05140205	Webster	5-NS	SCR	Fecal Coliform	Source Unknown
Tradewater River 20.6 to 46.4	25.8 miles	KY505460_ 02	River	Green/ Tradewater	Tradewater	05140205	Webster	5-NS	WAH	Iron	Coal Mining; Crop Production (Crop Land or Dry Land)
Tradewater River 63.1 to 79.4	16.3 miles	KY505460_ 03	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Surface Mining
Tradewater River 98.5 to 111.1	12.6 miles	KY505460_ 05	River	Green/ Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture
Tradewater River 98.5 to 111.1	12.6 miles	KY505460_ 05	River	Green/ Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Oxygen, Dissolved	Agriculture; Sanitary Sewer Overflows (Collection System Failures)
Tradewater River 98.5 to 111.1	12.6 miles	KY505460_ 05	River	Green/ Tradewater	Tradewater	05140205	Christian	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Sanitary Sewer Overflows (Collection System Failures)
Triplett Creek 5.8 to 12.3	6.5 miles	KY516023_ 01	River	Salt/Licking	Licking River	05100101	Rowan	5-NS	PCR	Fecal Coliform	Source Unknown
Triplett Creek	6.5	KY516023	nivei	Sall/Licking		03100101	nowan	5113	run		
5.8 to 12.3	miles	01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	SCR	Fecal Coliform	Source Unknown
Triplett Creek 5.8 to 12.3	6.5 miles	KY516023_ 01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Triplett Creek 5.8 to 12.3	6.5 miles	KY516023_ 01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Triplett Creek 5.8 to 12.3	6.5 miles	KY516023_ 01	River	Salt/Licking	Licking River	05100101	Rowan	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Impacts from Hydrostructure Flow Regulation/Modification; Municipal Point Source Discharges
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Municipal Point Source Discharges
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Specific Conductance	Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted)
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Total Dissolved Solids	Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	5-NS	WAH	Turbidity	Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities
Trough Camp 1.5 to 6.1	4.6 miles	KY505516_ 01	River	Sandy/ Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Sedimentation/ Siltation	Channelization; Post- development Erosion and Sedimentation
Truman Creek 3.2 to 4.1	0.9 miles	KY505525_ 02	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Tug Fork 71.9	5.8	KY505554	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Sandy/	Big Sandy		county			Polychlorinated	
to 77.7	miles	03	River	Tygarts	River	05070201	Pike	5-PS	FC	Biphenyls	Source Unknown
Tunnel Branch 0.0 to 1.7	1.7 miles	KY505568_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Post-development Erosion and Sedimentation
Tunnel Branch 0.0 to 1.7	1.7 miles	KY505568_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Temperature, Water	Loss of Riparian Habitat; Post-development Erosion and Sedimentation
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Oxygen, Dissolved	Source Unknown
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Dredge Mining; Managed Pasture Grazing; Post- development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Specific Conductance	Coal Mining; Petroleum/Natural Gas Activities
Turkey Creek 0.0 to 3.4	3.4 miles	KY505595_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	5-PS	WAH	Sedimentation/ Siltation	Agriculture
Tygarts Creek 0.2 to 25.0	24.8 miles	KY516088_ 01	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	5-NS	FC	Methylmercury	Source Unknown
Tygarts Creek 0.2 to 25.0	24.8 miles	KY516088_ 01	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	5-NS	FC	PCB in Fish Tissue	Source Unknown
Tygarts Creek 25.0 to 36.3	11.3 miles	KY516088_ 02	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	5-NS	FC	Methylmercury	Source Unknown
Tygarts Creek 25.0 to 36.3	11.3 miles	KY516088_ 02	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	5-NS	FC	PCB in Fish Tissue	Source Unknown
Tygarts Creek 25.0 to 36.3	11.3 miles	KY516088_ 02	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Non-Point Source

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Tygarts Creek 25.0 to 36.3	11.3 miles	KY516088_ 02	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Non- Point Source
Tygarts Creek 36.3 to 45.5	9.2 miles	KY516088_ 03	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	5-NS	FC	Methylmercury	Source Unknown
Tygarts Creek 36.3 to 45.5	9.2 miles	KY516088_ 03	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	5-NS	FC	PCB in Fish Tissue	Source Unknown
Tygarts Creek 83.2 to 88.6	5.4 miles	KY516088_ 06	River	Sandy/ Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Sedimentation/ Siltation	Coal Mining; Loss of Riparian Habitat; Non- Point Source
Tygarts Creek 83.2 to 88.6	5.4 miles	KY516088_ 06	River	Sandy/ Tygarts	Tygarts Creek	05090103	Carter	5-PS	WAH	Specific Conductance	Coal Mining; Loss of Riparian Habitat; Non- Point Source
Tyson Branch 0.0 to 2.5	2.5 miles	KY505754_ 00	River	Green/ Tradewater	Tradewater	05140205	Caldwell	5-NS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification
Upper Branch 0.0 to 2.8	2.8 miles	KY505861_ 00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-PS	WAH	Cause Unknown	Source Unknown
Upper Devil Creek 0.0 to 1.0	1 miles	KY516120_ 00	River	Kentucky	Kentucky River	05100201	Wolfe	5-PS	WAH	Sedimentation/ Siltation	Inappropriate Waste Disposal; Reclamation of Inactive Mining; Silviculture Activities; Surface Mining
Upper Howard Creek 0.0 to 3.2	3.2 miles	KY485707_ 00	River	Kentucky	Kentucky River	05100205	Clark	5-PS	WAH	Cause Unknown	Source Unknown
Upper Howard Creek 0.0 to 3.2	3.2 miles	KY485707_ 00	River	Kentucky	Kentucky River	05100205	Clark	5-PS	WAH	Sedimentation/ Siltation	Rangeland Grazing
Upper Jacks Creek 0.0 to 2.2	2.2 miles	KY516133_ 01	River	Kentucky	Kentucky River	05100203	Clay	5-PS	WAH	Cause Unknown	Source Unknown
Upper Pidgeon Branch 0.0 to 2.1	2.1 miles	KY505895_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Nitrogen (Total)	Source Unknown
Upper Pidgeon Branch 0.0 to 2.1	2.1 miles	KY505895_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Sedimentation/ Siltation	Surface Mining

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Upper Pidgeon	0126		туре	Watersheu	Dasin	100	County	gory	036	inipaintient	Suspected Source(s)
Branch 0.0 to 2.1	2.1 miles	KY505895_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Total Dissolved Solids	Surface Mining
Upper Twin				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
Creek 0.0 to	3.6	KY505917_			Kentucky					Cause	
3.6	miles	00	River	Kentucky	River	05100202	Breathitt	5-PS	WAH	Unknown	Source Unknown
UT of Blacks Creek 0.0 to 1.7	1.7 miles	KY487421- 2.7_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
UT of Blacks Creek 0.0 to 1.7	1.7 miles	KY487421- 2.7 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
UT of Blacks				g							Livestock (Grazing or
Creek 0.0 to	1.7	KY487421-								Sedimentation/	Feeding Operations);
1.7	miles	2.7_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Siltation	Unrestricted Cattle Access
UT of Blacks Creek 0.0 to 2.3	2.3 miles	KY487421- 3.0_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
UT of Blacks Creek 0.0 to 2.3	2.3 miles	KY487421- 3.0_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
UT of Blacks Creek 0.0 to 2.3	2.3 miles	KY487421- 3.0_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	WAH	Sedimentation/ Siltation	Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
UT of Blanket Creek 0.0 to 0.2	0.2 miles	KY487466- 4.7_01	River	Salt/Licking	Licking River	05100101	Pendleton	5-NS	WAH	Chlorine	Package Plant or Other Permitted Small Flows Discharges
UT of Blanket Creek 0.0 to 0.2	0.2 miles	KY487466- 4.7 01	River	Salt/Licking	Licking River	05100101	Pendleton	5-NS	WAH	Nitrogen (Total)	Package Plant or Other Permitted Small Flows Discharges
UT of Clay	1.2	KY489573-	1 1 1 0 1	Sandy/	Little Sandy	00100101			•••	Cause	Biconargoo
Fork 0.0 to 1.2	miles	2.3 01	River	Tygarts	River	05090104	Elliott	5-PS	WAH	Unknown	Source Unknown
UT of Clay Fork 0.0 to 1.2	1.2 miles	KY489573- 2.3_01	River	Sandy/ Tygarts	Little Sandy River	05090104	Elliott	5-PS	WAH	Sedimentation/ Siltation	Non-Point Source; Source Unknown

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
UT of Cooper Run 0.0 to 1.0	1.0 miles	KY490062- 6.95 01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Animal Feeding Operations (NPS); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
UT of Cooper	3.05	 KY490062-									Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source;
Run 0.0 to 3.05	miles	7.25_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	PCR	Escherichia coli	Unrestricted Cattle Access
UT of Cooper Run 0.0 to 3.05	3.05 miles	KY490062- 7.25_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Non-Point Source
UT of Cooper Run 0.0 to 3.8	3.8 miles	KY490062- 5.85_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-NS	PCR	Escherichia coli	Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
UT of Cumberland River 0.0 to 1.95	1.95 miles	KY517018- 424.7_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Cumberland	5-PS	WAH	Cause Unknown	Source Unknown
UT of Cumberland River 0.10 to 2.20	2.1 miles	KY517018- 8.3_01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Livingston	5-NS	WAH	Phosphorus (Total)	Agriculture; Crop Production (Crop Land or Dry Land)
UT of Cypress Creek 0.0 to 3.4	3.4 miles	KY490526- 26.1_01	River	Green/ Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Specific Conductance	Coal Mining
UT of East Hickman Creek 0.8 to 2.2	1.4 miles	KY491487- 11.8_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Urban Runoff/Storm Sewers

Waterbody &	Total	Waterbody	Water			0 Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	gory	Use	Impairment	Suspected Source(s)
UT of Elk Fork Creek 0.0 to	4.8	KY491660-		Tenn/Miss/	Lower						
4.8 UT of Flat Run 0.0 to 2.1	miles 2.1 miles	26.4_01 KY492217- 3.9 01	River	Cumberland Salt/Licking	Cumberland Licking River	05130206	Todd	5-PS 5-NS	PCR	Escherichia coli	Source Unknown Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access
UT of Flat Run 0.0 to 2.1	2.1 miles	KY492217- 3.9_01	River	Salt/Licking	Licking River	05100102	Bourbon	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Non-Point Source
UT of Little Laurel River 0.0 to 1.4	1.4 miles	KY513497- 16.05_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Escherichia coli	Municipal (Urbanized High Density Area)
UT of Little Laurel River 0.0 to 1.4	1.4 miles	KY513497- 16.05_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat
UT of McKinney Branch 0.0 to 1.2	1.2 miles	KY497909- 0.3 01	River	Salt/Licking	Ohio River	05090201	Lewis	5-PS	WAH	Cause Unknown	Source Unknown
UT of Middle Fork Clarks River 0.00 to 1.3	1.3 miles	KY498115- 1.7_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-NS	WAH	Cause Unknown	Agriculture; Channelization; Loss of Riparian Habitat
UT of Middle Fork Massac Creek 0.00 to 2.90	2.9 miles	KY498130- 3.7_01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	5-NS	WAH	Cause Unknown	Agriculture; Channelization; Loss of Riparian Habitat
UT of Mill Creek 0.0 to 1.7	1.7 miles	KY498248- 1.95_01	River	Salt/Licking	Salt River	05140103	Washington	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Source Unknown
UT of Mudlick Branch 0.0 to 0.6	0.6 miles	KY499058- 0.65_01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-NS	PCR; SCR; WAH	рН	Surface Mining

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
UT of Mudlick											
Branch 0.0 to 0.6	0.6 miles	KY499058- 0.65 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Specific Conductance	Surface Mining
UT of Obion	THIES	0.05_01	TUVEI	Tygans	TUVEI	03070201	Iviai tili	3-110		Conductance	Agriculture;
Creek 0.9 to	6.8	KY499767-		Tenn/Miss/	Mississippi					Cause	Channelization; Loss of
7.7	miles	38.4_01	River	Cumberland	River	08010201	Hickman	5-PS	WAH	Unknown	Riparian Habitat
UT of Pond Creek 0.0 to	1.15	KY501040-									Package Plant or Other Permitted Small Flows
1.15	miles	4.3 01	River	Salt/Licking	Licking River	05100101	Campbell	5-NS	WAH	Chlorine	Discharges
UT of Pond				U			•				Package Plant or Other
Creek 0.0 to	1.15	KY501040-	Diver	Calt/Lisking	Lieking Diver	05100101	Completell		14/411	Nitro vor (Totol)	Permitted Small Flows
1.15 UT of Powder	miles	4.3_01	River	Salt/Licking	Licking River	05100101	Campbell	5-NS	WAH	Nitrogen (Total)	Discharges
Mill Creek 0.00	1.1	KY514748-		Tenn/Miss/	Upper					Cause	
to 1.10	miles	3.55_01	River	Cumberland	Cumberland	05130102	Laurel	5-PS	WAH	Unknown	Upstream Source
UT of Smith	1.0	KY503776-		Tenn/Miss/	Linner					Cause	
Creek 0.0 to 1.6	1.6 miles	2.2 01	River	Cumberland	Upper Cumberland	05130103	Clinton	5-PS	WAH	Unknown	Agriculture; Loss of Riparian Habitat
UT of South											Package Plant or Other
Fork Currys	1.8	KY503919-	.	0.11/1.1.1							Permitted Small Flows
Fork 0.0 to 1.8	miles	3.9_01	River	Salt/Licking	Salt River	05140102	Oldham	5-PS	PCR	Escherichia coli	Discharges Agriculture, Loss of
											Riparian Habitat,
											Municipal (Urbanized High
UT of Strodes											Density Area), Non-Point Source, Residential
Creek 0.0 to	3.7	KY504593-									Districts, Urban
3.7	miles	22.2_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Escherichia coli	Runoff/Storm Sewers
											Agriculture, Loss of
											Riparian Habitat, Municipal (Urbanized High
											Density Area), Non-Point
UT of Strodes											Source, Residential
Creek 0.0 to	3.7	KY504593-	Diver	Calt/Lisking	Lieking Diver	05100100	Clark			Feed Californ	Districts, Urban
3.7	miles	22.2_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	SCR	Fecal Coliform	Runoff/Storm Sewers Highway/Road/Bridge
UT of Strodes											Runoff (Non-construction
Creek 0.0 to	3.7	KY504593-								Cause	Related); Source
3.7	miles	22.2_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Unknown	Unknown

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

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

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
UT to Brush Creek 0.0 to 1.9	1.9 miles	KY488070- 3.3_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non- irrigated Crop Production
UT to Brush Creek 0.0 to 1.9	1.9 miles	KY488070- 3.3_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Total Kjehldahl Nitrogen (TKN)	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non- irrigated Crop Production
UT to Buffalo Run 0.0 to 1.1	1.1 miles	KY488333- 1.6_01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	WAH	Sedimentation/ Siltation	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff; Loss of Riparian Habitat; Residential Districts; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
UT to Butler Branch 0.0 to 1.7	1.7 miles	KY488506- 1.3 00	River	Green/ Tradewater	Green River	05110001	Adair	5-PS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing
UT to Cane	3.5	KY488799-			Kentucky						Livestock (Grazing or
Run 0.0 to 3.5	miles	6.13_01	River	Kentucky	River	05100205	Scott	5-NS	PCR	Fecal Coliform	Feeding Operations)
UT to Cane Run 0.0 to 3.5	3.5 miles	KY488799- 6.13_01	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Nitrogen (Total)	Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges
UT to Cane Run 0.0 to 3.5	3.5 miles	KY488799- 6.13_01	River	Kentucky	Kentucky River	05100205	Scott	5-NS	WAH	Phosphorus (Total)	Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges
UT to Cane Run 0.0 to 2.1	2.1 miles	KY488799- 12.9_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Phosphorus (Total)	Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater

UT to Cane 2.4 Run 0.0 to 2.4 mi	Size 2.4 niles 2.4 niles	ID KY488799- 10.8_01	Type River	Watershed	Basin ⁽¹⁾	HUC	County	gory			
Run 0.0 to 2.4 mi	niles 2.4		River				· · · · ·	goly	Use	Impairment	Suspected Source(s) Managed Pasture
UT to Cane 2.4				Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Nitrogen (Total)	Grazing; Non-irrigated Crop Production
		KY488799- 10.8_01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	WAH	Phosphorus (Total)	Managed Pasture Grazing; Non-irrigated Crop Production
UT to Chinns Branch 0.0 to 1. 1.1 mi	1.1 niles	KY489481- 0.8_01	River	Sandy/ Tygarts	Ohio River	05090103	Greenup	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Post- development Erosion and Sedimentation
UT to Chinns Branch 0.0 to 1. 1.1 mi	1.1 niles	KY489481- 0.8_01	River	Sandy/ Tygarts	Ohio River	05090103	Greenup	5-NS	WAH	Temperature, Water	Channelization; Loss of Riparian Habitat; Post- development Erosion and Sedimentation
	3.3 niles	KY489552- 59.9_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/Storm Sewers
	3.3 niles	KY489552- 59.9 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Crop Production (Crop Land or Dry Land); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Non-irrigated Crop Production; Urban Runoff/Storm Sewers

2012 303(d) List

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

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

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

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
UT to East								30.7			
Fork Little											
Sandy River	0.3	KY491469-		Sandy/	Little Sandy					Sedimentation/	
0.0 to 0.3	miles	8.1_01	River	Tygarts	River	05090104	Greenup	5-NS	WAH	Siltation	Channelization
UT to East											On-site Treatment
Fork Little	0.0	1/1/401400		Caradu /	Little Condu					Tatal Disashuad	Systems (Septic Systems
Sandy River 0.0 to 0.3	0.3 miles	KY491469- 8.1 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Total Dissolved Solids	and Similar Decentralized Systems)
UT to Elk	miles	0.1_01	nivei	Tygans	nivei	05090104	Greenup	5-115	WAN	301105	Sanitary Sewer Overflows
Creek 0.0 to	1	KY491656-		Green/							(Collection System
1.0	miles	8.8 01	River	Tradewater	Green River	05110006	Hopkins	5-NS	PCR	Fecal Coliform	Failures)
										Nutrient/	
UT to EIK										Eutrophication	Agriculture; Loss of
Creek 0.0 to	3.9	KY491656-		Green/						Biological	Riparian Habitat;
3.9	miles	5.4_01	River	Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Indicators	Unrestricted Cattle Access
											Agriculture;
UT to EIK		10/404050		0							Channelization; Loss of
Creek 0.0 to 3.9	3.9 miles	KY491656- 5.4 01	River	Green/ Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Sedimentation/ Siltation	Riparian Habitat; Unrestricted Cattle Access
UT to EIK	miles	5.4_01	niver	Tradewater	Green River	05110006	поркіль	J-F-3	VVАП	Sillalion	Offrestricted Cattle Access
Creek 0.0 to	3.9	KY491656-		Green/						Specific	
3.9	miles	5.4 01	River	Tradewater	Green River	05110006	Hopkins	5-PS	WAH	Conductance	Agriculture
											Channelization; Loss of
UT to Engle	0.5	KY491781-			Kentucky					Sedimentation/	Riparian Habitat; Surface
Fork 0.0 to 0.5	miles	1.1_01	River	Kentucky	River	05100201	Perry	5-NS	WAH	Siltation	Mining
											Channelization; Loss of
UT to Engle	0.5	KY491781-	.		Kentucky			- 110		Temperature,	Riparian Habitat; Surface
Fork 0.0 to 0.5	miles	1.1_01	River	Kentucky	River	05100201	Perry	5-NS	WAH	Water	Mining
UT to Engle Fork 0.0 to 0.5	0.5 miles	KY491781- 1.1 01	Divor	Kentucky	Kentucky	05100201	Perry	5-NS	WAH	Total Dissolved Solids	Surface Mining
UT to Flat	miles	1.1_01	River	Кепциску	River	05100201	Pelly	5-115	WAN	SUIIUS	
Creek 0.0 to	3.1	KY492181-		Green/						Cause	
3.1	miles	2.0 01	River	Tradewater	Green River	05110006	Hopkins	5-NS	WAH	Unknown	Surface Mining
UT to Flat											Sanitary Sewer Overflows
Creek 3.1 to	1	KY492181-		Green/							(Collection System
4.1	miles	2.0_02	River	Tradewater	Green River	05110006	Hopkins	5-NS	PCR	Fecal Coliform	Failures)

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
UT to Goose Pond Ditch 0.0 to 1.65	1.65 miles	KY512350- 9.55_01	River	Green/ Tradewater	Ohio River	05140203	Union	5-NS	WAH	Cause Unknown	Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
UT to Hammond Creek 0.0 to 1.8	1.8 miles	KY493640- 5.2_01	River	Salt/Licking	Salt River	05140102	Anderson	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Grazing in Riparian or Shoreline Zones; Unrestricted Cattle Access
UT to Hammond Creek 0.0 to 1.8	1.8 miles	KY493640- 5.2_01	River	Salt/Licking	Salt River	05140102	Anderson	5-NS	WAH	Sedimentation/ Siltation	Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access
UT to Hammond Creek 0.0 to 1.8	1.8 miles	KY493640- 5.2_01	River	Salt/Licking	Salt River	05140102	Anderson	5-NS	WAH	Total Kjehldahl Nitrogen (TKN)	Grazing in Riparian or Shoreline Zones; Unrestricted Cattle Access
UT to Hancock Creek 0.0 to 3.72	3.72 miles	KY493672- 4.2_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat; Non- Point Source; Residential Districts
UT to Hancock Creek 0.0 to 3.72	3.72 miles	KY493672- 4.2 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	SCR	Fecal Coliform	Agriculture; Loss of Riparian Habitat; Non- Point Source; Residential Districts
UT to Hancock Creek 0.0 to 3.72	3.72 miles	KY493672- 4.2_01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Specific Conductance	Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Non-Point Source; Urban Runoff/Storm Sewers
UT to Helton Branch 0.0 to 0.4	0.4 miles	KY494011- 1.4_01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-PS	WAH	Sedimentation/ Siltation	Channelization; Golf Courses; Legacy Coal Extraction; Loss of Riparian Habitat
UT to Hurricane Creek 0.0 to 0.2	0.2 miles	KY494821- 0.3_01	River	Green/ Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Iron	Coal Mining

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
UT to	0.20	10	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Tratoronou	240	1100	County	go.y		inipairion	
Hurricane											
Creek 0.0 to	0.2	KY494821-		Green/							
0.2	miles	0.3_01	River	Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Nitrates	Source Unknown
UT to											
Hurricane		10/40 4004							PCR;		
Creek 0.0 to 0.2	0.2 miles	KY494821- 0.3 01	River	Green/ Tradewater	Tradowator	05140205	Llanking	5-NS	SCR; WAH	рH	Coal Mining
UT to	miles	0.3_01	River	Tradewater	Tradewater	05140205	Hopkins	5-115	WAN	рп	Coar Mining
Hurricane											
Creek 0.0 to	0.2	KY494821-		Green/						Specific	
0.2	miles	0.3 01	River	Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Conductance	Coal Mining
UT to											
Hurricane											
Creek 0.0 to	0.2	KY494821-		Green/						Total Dissolved	
0.2	miles	0.3_01	River	Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Solids	Coal Mining
UT to											
Hurricane		10/40 4004									
Creek 0.0 to	0.2	KY494821-	Diver	Green/	Tradauratar	05140005	Llankina	E NO	14/411	Zinc	Caal Mining
0.2	miles	0.3_01	River	Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Nutrient/	Coal Mining
UT to Jennys										Eutrophication	
Branch 0.0 to	1.3	KY512993-		Tenn/Miss/	Upper					Biological	
1.3	miles	4.2 00	River	Cumberland	Cumberland	05130101	McCreary	5-NS	WAH	Indicators	Rural (Residential Areas)
										Organic	· · · · · · · · · · · · · · · · · · ·
										Enrichment	
UT to Jennys										(Sewage)	
Branch 0.0 to	1.3	KY512993-		Tenn/Miss/	Upper					Biological	
1.3	miles	4.2_00	River	Cumberland	Cumberland	05130101	McCreary	5-NS	WAH	Indicators	Rural (Residential Areas)
UT to Jennys		10/540000			Llaws						Post-development Erosion
Branch 0.0 to	1.3	KY512993-	Divor	Tenn/Miss/	Upper	05100101	MaCroom	E NO	14/411	Sedimentation/	and Sedimentation;
1.3 UT to Little	miles	4.2_00	River	Cumberland	Cumberland	05130101	McCreary	5-NS	WAH	Siltation	Source Unknown
Cypress Creek	1.75	KY496701-		Green/						Specific	
0.0 to 1.75	miles	3.1 01	River	Tradewater	Green River	05110006	Muhlenberg	5-NS	WAH	Conductance	Coal Mining
UT to Little					0	23110000	literiteriteriteriteriteriteriteriteriter	0.10			
Cypress Creek	3.25	KY496701-		Green/						Specific	
0.0 to 3.25	miles	4.0_01	River	Tradewater	Green River	05110002	Muhlenberg	5-NS	WAH	Conductance	Coal Mining

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

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
UT to Mill Creek 0.0 to 4.0	4 miles	KY498265- 7.0_01	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Sedimentation/ Siltation	Dairies (Outside Milk Parlor Areas); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access
UT to Mill Creek 0.0 to 4.0	4 miles	KY498265- 7.0_01	River	Salt/Licking	Licking River	05100101	Fleming	5-NS	WAH	Total Kjehldahl Nitrogen (TKN)	Dairies (Outside Milk Parlor Areas); Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
UT to Mud Creek 0.0 to 2.2	2.2 miles	KY498982- 4.5 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Fulton	5-NS	WAH	Nitrate/Nitrite (Nitrite + Nitrate as N)	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non- irrigated Crop Production
UT to Mud Creek 0.0 to 2.2	2.2 miles	KY498982- 4.5_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Fulton	5-NS	WAH	Oxygen, Dissolved	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non- irrigated Crop Production
UT to Mud Creek 0.0 to 2.2	2.2 miles	KY498982- 4.5_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Fulton	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non- irrigated Crop Production
UT to N. Elkhorn Creek 0.0 to 5.6	5.6 miles	KY499540- 66_01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing

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

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

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

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
UT to Trace								J			
Fork 0.05 to	0.7	KY505441-			Kentucky						Unspecified Domestic
0.7	miles	1.25_01	River	Kentucky	River	05100201	Knott	5-PS	PCR	Escherichia coli	Waste
UT to UT to	0.55	KY510210-		T () ()							
Acorn Fork 0.0 to 0.55	0.55 miles	1.9- 0.27E 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Chloride	Petroleum/Natural Gas Activities
10 0.55	111165	0.27		Cumbenand	Cumbenand	03130101	KIIOA	3-110		Chionde	Highway/Road/Bridge
											Runoff (Non-construction
UT to UT to		KY510210-									Related);
Acorn Fork 0.0	0.55	1.9-		Tenn/Miss/	Upper					Sedimentation/	Petroleum/Natural Gas
to 0.55	miles	0.27E_01	River	Cumberland	Cumberland	05130101	Knox	5-NS	WAH	Siltation	Activities
UT to UT to	0.55	KY510210-		T	L la a su					0	Detrolours (Network Or a
Acorn Fork 0.0 to 0.55	0.55 miles	1.9- 0.27E 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	5-NS	WAH	Specific Conductance	Petroleum/Natural Gas Activities
10 0.55	THIES	0.27 L_01	nivei	Cumpenanu	Cumbenanu	03130101	NIIUX	0-110	WAL	Conductance	Grazing in Riparian or
											Shoreline Zones;
											Livestock (Grazing or
UT to UT to		KY493463-									Feeding Operations); Loss
Guist Creek	2.4	33.0-								Sedimentation/	of Riparian Habitat;
0.0 to 2.4	miles	1.4_01	River	Salt/Licking	Salt River	05140102	Shelby	5-PS	WAH	Siltation	Unrestricted Cattle Access
											Grazing in Riparian or
											Shoreline Zones; Livestock (Grazing or
UT to UT to										Nitrate/Nitrite	Feeding Operations); Loss
Lees Creek 0.0	1.6	KY496181-								(Nitrite + Nitrate	of Riparian Habitat;
to 1.6	miles	4.3 01	River	Salt/Licking	Licking River	05100101	Mason	5-NS	WAH	as N)	Unrestricted Cattle Access
											Grazing in Riparian or
											Shoreline Zones;
											Livestock (Grazing or
UT to UT to	1.0	10/400404									Feeding Operations); Loss
Lees Creek 0.0	1.6	KY496181-	Divor	Colt/Lieking	Lieking Divor	05100101	Magan	5-NS	WAH	Sedimentation/ Siltation	of Riparian Habitat;
to 1.6	miles	4.3_01	River	Salt/Licking	Licking River	05100101	Mason	SNI-C	WAR	Sination	Unrestricted Cattle Access Grazing in Riparian or
											Shoreline Zones;
											Livestock (Grazing or
UT to UT to											Feeding Operations); Loss
Lees Creek 0.0	1.6	KY496181-								Total Kjehldahl	of Riparian Habitat;
to 1.6	miles	4.3_01	River	Salt/Licking	Licking River	05100101	Mason	5-NS	WAH	Nitrogen (TKN)	Unrestricted Cattle Access

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit	Ocumba	Cate-		lana sina sat	
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s)
UT to UT to Little Cypress Creek 0.0 to 2.6	2.6 miles	KY496701- 0.9-4.0 01	River	Green/ Tradewater	Green River	05110002	Muhlenberg	5-NS	WAH	Specific Conductance	Coal Mining
UT to UT to Slover Creek 0.0 to 1.2	1.2 miles	KY503714- 0.5-3.5_01	River	Green/ Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat
UT to UT to Slover Creek 0.0 to 1.2	1.2 miles	KY503714- 0.5-3.5_01	River	Green/ Tradewater	Tradewater	05140205	Webster	5-PS	WAH	Specific Conductance	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat
UT to UT to Slover Creek 0.2 to 1.5	1.3 miles	KY503714- 3.4-0.2_00	River	Green/ Tradewater	Tradewater	05140205	Webster	5-NS	WAH	Sedimentation/ Siltation	Agriculture; Channelization; Surface Mining
UT to UT to Slover Creek 0.2 to 1.5	1.3 miles	KY503714- 3.4-0.2_00	River	Green/ Tradewater	Tradewater	05140205	Webster	5-NS	WAH	Total Dissolved Solids	Surface Mining
UT to UT to Tennessee River (Kentucky Lake) 0.15 to 0.8	0.65 miles	KY517033- 1.0- 48.45_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040005	Calloway	5-NS	WAH	Cause Unknown	Off-road Vehicles; Silviculture Harvesting
UT to Vulton Creek 0.00 to 2.45	2.45 miles	KY506075- 5.6_01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	5-NS	WAH	Cause Unknown	Agriculture; Animal Feeding Operations (NPS); Loss of Riparian Habitat
UT to West Bays Fork 0.0 to 1.0	1 miles	KY506405- 1.6_01	River	Green/ Tradewater	Green River	05110002	Allen	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat; Unrestricted Cattle Access
UT to West Bays Fork 0.0 to 1.0	1 miles	KY506405- 1.6_01	River	Green/ Tradewater	Green River	05110002	Allen	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Loss of Riparian Habitat; Streambank Modifications/ Destabilization; Unrestricted Cattle Access

Waterbody &	Total	Waterbody	Water		D (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
UT to West Bays Fork 0.0 to 1.0	1 miles	KY506405- 1.6_01	River	Green/ Tradewater	Green River	05110002	Allen	5-PS	WAH	Specific Conductance	Agriculture; Unrestricted Cattle Access
UT to West Fork of Lewis Creek 0.0 to 2.2	2.2 miles	KY506436- 1.4_00	River	Green/ Tradewater	Green River	05110003	Ohio	5-NS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification
UT to Wiggington Creek 0.9 to 1.9	1 miles	KY506716- 3.5_00	River	Green/ Tradewater	Green River	05110002	Logan	5-NS	WAH	Cause Unknown	Source Unknown
Valley Creek 0.0 to 3.6	3.6 miles	KY505940_ 01	River	Green/ Tradewater	Green River	05110001	Hardin	5-PS	WAH	Cause Unknown	Source Unknown
Valley Creek 8.4 to 10.8	2.4 miles	KY505940_ 02	River	Green/ Tradewater	Green River	05110001	Hardin	5-NS	WAH	Cause Unknown	Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/ Destabilization
Valley Creek 8.4 to 10.8	2.4 miles	KY505940_ 02	River	Green/ Tradewater	Green River	05110001	Hardin	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Crop Production (Crop Land or Dry Land); Industrial Point Source Discharge; Livestock (Grazing or Feeding Operations)
Valley Creek 8.4 to 10.8	2.4 miles	KY505940_ 02	River	Green/ Tradewater	Green River	05110001	Hardin	5-NS	WAH	Sedimentation/ Siltation	Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Industrial Point Source Discharge; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/ Destabilization

Waterbody &	Total	Waterbody	Water		– (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Venters Branch	1.4	KY506017_		Sandy/	Big Sandy					Specific	
0.4 to 1.8	miles	01	River	Tygarts	River	05070201	Martin	5-NS	WAH	Conductance	Surface Mining
Wallace Fork	3	KY506143_		Tenn/Miss/	Lower					Cause	Agriculture; Loss of
0.00 to 3.0	miles	01	River	Cumberland	Cumberland	05130205	Christian	5-PS	WAH	Unknown	Riparian Habitat
											Channelization; Coal
											Mining; Erosion from
Wallins Creek	4.2	KY506154_		Tenn/Miss/	Upper					Sedimentation/	Derelict Land (Barren
0.0 to 4.2	miles	01	River	Cumberland	Cumberland	05130101	Harlan	5-NS	WAH	Siltation	Land)
Ward Creek	5.4	KY506219_		Green/						Cause	
5.1 to 10.3	miles	01	River	Tradewater	Tradewater	05140205	Caldwell	5-NS	WAH	Unknown	Source Unknown
											Crop Production (Crop
											Land or Dry Land); Loss
Wardens											of Riparian Habitat;
Slough 1.2 to	1.1	KY516229_		Green/						Cause	Streambank Modifications/
3.3	miles	01	River	Tradewater	Ohio River	05140203	Union	5-NS	WAH	Unknown	Destabilization
Warrens Fork	3.5	KY506239_		Tenn/Miss/	Lower					Cause	
0.0 to 3.5	miles	01	River	Cumberland	Cumberland	05130205	Christian	5-PS	WAH	Unknown	Source Unknown
										Nutrient/	
										Eutrophication	
Weirs Creek	4.9	KY506359_		Green/						Biological	Non-irrigated Crop
0.0 to 4.9	miles	00	River	Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Indicators	Production
											Channelization; Loss of
Weirs Creek	4.9	KY506359_		Green/						Sedimentation/	Riparian Habitat; Non-
0.0 to 4.9	miles	00	River	Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Siltation	irrigated Crop Production
											Channelization; Loss of
Weirs Creek	4.9	KY506359_		Green/							Riparian Habitat; Non-
0.0 to 4.9	miles	00	River	Tradewater	Tradewater	05140205	Hopkins	5-NS	WAH	Turbidity	irrigated Crop Production
											Impacts from Abandoned
											Mine Lands (Inactive);
											Managed Pasture
											Grazing; Non-irrigated
Wells Creek	3.5	KY506380_		Sandy/	Little Sandy					Sedimentation/	Crop Production;
0.0 to 3.5	miles	01	River	Tygarts	River	05090104	Elliott	5-PS	WAH	Siltation	Silviculture Harvesting
											Agriculture; Animal
West Fork Cox											Feeding Operations
Creek 0.0 to	6.9	KY506428_									(NPS); Non-Point Source;
6.9	miles	01	River	Salt/Licking	Salt River	05140102	Bullitt	5-NS	PCR	Escherichia coli	Unrestricted Cattle Access

Waterbody &	Total	Waterbody	Water		– (1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
											Highway/Road/Bridge Runoff (Non-construction
											Related); Loss of Riparian Habitat; Streambank
West Fork Mill											Modifications/ Destabilization;
Creek 0.0 to	1	KY506440			Kentucky					Sedimentation/	Unspecified Urban
1.0	miles	00	River	Kentucky	River	05100205	Carroll	5-PS	WAH	Siltation	Stormwater
West Fork of					_						
Clarks River	10.35	KY506426_	Discon	Tenn/Miss/	Tennessee	00040000	Ma	E NO	14/411	0	
0.0 to 10.35 West Fork of	miles	01	River	Cumberland	River	06040006	McCracken	5-NS	WAH	Copper	Source Unknown
Clarks River	10.35	KY506426		Tenn/Miss/	Tennessee						
0.0 to 10.35	miles	01	River	Cumberland	River	06040006	McCracken	5-NS	WAH	Iron	Source Unknown
West Fork of					-					-	
Clarks River	10.35	KY506426_		Tenn/Miss/	Tennessee						
0.0 to 10.35	miles	01	River	Cumberland	River	06040006	McCracken	5-NS	WAH	Lead	Source Unknown
West Fork of Clarks River	8.25	KY506426		Tenn/Miss/	Tannaaaaa					Maraury in Fish	
20.1 to 28.35	o.25 miles	05	River	Cumberland	Tennessee River	06040006	Marshall	5-PS	FC	Mercury in Fish Tissue	Source Unknown
West Fork of	THIES	00	1 11 1001	Oumbenand	TUVEI	00040000	Marshall	5-10	10	113500	
Clarks River											
(Relict											
Channel) 0.0	11.1	KY506426-	.	Tenn/Miss/	Tennessee					Cause	
to 11.1 West Fork of	miles	10.4_01	River	Cumberland	River	06040006	Graves	5-PS	WAH	Unknown	Source Unknown
Clarks River											
(Relict											
Channel) 0.0	11.1	KY506426-		Tenn/Miss/	Tennessee						
to 11.1	miles	10.4_01	River	Cumberland	River	06040006	Graves	5-PS	FC	Methylmercury	Source Unknown
											Industrial Point Source
Mast Fault of											Discharge; Unpermitted
West Fork of Drakes Creek	23.3	KY506431		Green/						PCB in Fish	Discharge (Industrial/Commercial
0.0 to 23.3	miles	01	River	Tradewater	Green River	05110002	Simpson	5-PS	FC	Tissue	Wastes)
West Fork of						T					()
Drakes Creek	5.4	KY506431_		Green/						PCB in Fish	Industrial Point Source
26.7 to 32.1	miles	02	River	Tradewater	Green River	05110002	Simpson	5-PS	FC	Tissue	Discharge

Waterbody &	Total	Waterbody	Water		Basin ⁽¹⁾	8-Digit	Ocumba	Cate-			
Segment	Size	ID	Туре	Watershed	Basin	HUC	County	gory	Use	Impairment	Suspected Source(s) Habitat Modification -
West Fork of Pond River 1.6 to 8.7	7.3 miles	KY506444_ 01	River	Green/ Tradewater	Green River	05110006	Christian	5-PS	WAH	Cause Unknown	Other than Hydromodification; Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
West Fork of Pond River 20.3 to 26.0	5.7 miles	KY506444_ 03	River	Green/ Tradewater	Green River	05110006	Christian	5-NS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification; Livestock (Grazing or Feeding Operations)
West Fork Red River 14.75 to	12.05	KY1269347		Tenn/Miss/	Lower						
26.8	miles	_01	River	Cumberland	Cumberland	05130206	Christian	5-PS	PCR	Escherichia coli	Source Unknown
West Hickman Creek 0.0 to 3.1	3.1 miles	KY506457_ 01	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	PCR	Fecal Coliform	Municipal Point Source Discharges; Unspecified Urban Stormwater
West Hickman Creek 0.0 to 3.1	3.1 miles	KY506457_ 01	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Unspecified Urban Stormwater
West Hickman Creek 0.0 to 3.1	3.1 miles	KY506457_ 01	River	Kentucky	Kentucky River	05100205	Jessamine	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Municipal Point Source Discharges; Unspecified Urban Stormwater
West Hickman Creek 3.1 to 8.4	5.3 miles	KY506457_ 02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Residential Districts; Unspecified Urban Stormwater
West Hickman Creek 3.1 to 8.4	5.3 miles	KY506457_ 02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Organic Enrichment (Sewage) Biological Indicators	Residential Districts; Unspecified Urban Stormwater
West Hickman Creek 3.1 to 8.4	5.3 miles	KY506457_ 02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Sedimentation/ Siltation	Unspecified Urban Stormwater

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
West Hickman Creek 3.1 to 8.4	5.3 miles	KY506457_ 02	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Specific Conductance	Residential Districts
Wetwoods Creek (Slop Ditch) 2.2 to 4.25	2.05 miles	KY503711- 00	River	Salt/Licking	Salt River	05140102	Jefferson	5-NS	PCR	Fecal Coliform	Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Wetwoods Creek (Slop Ditch) 2.2 to 4.25	2.05 miles	KY503711- 00	River	Salt/Licking	Salt River	05140102	Jefferson	5-PS	WAH	Cadmium	Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Whayne Branch 1.0 to 8.15	7.15 miles	KY506514_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Nitrogen (Total)	Animal Feeding Operations (NPS)
Whayne Branch 1.0 to 8.15	7.15 miles	KY506514_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Hickman	5-NS	WAH	Phosphorus (Total)	Animal Feeding Operations (NPS)
Wheel Rim Fork 0.0 to 2.9	2.9 miles	KY506521_ 01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Cause Unknown	Source Unknown
Whetstone Creek 1.2 to 3.3	2.1 miles	KY506547_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Non-Point Source; Source Unknown
Whetstone Creek 1.2 to 3.3	2.1 miles	KY506547_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Greenup	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Non-Point Source; Source Unknown
White Creek 0.0 to 2.2	2.2 miles	KY506579_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	5-NS	WAH	Cause Unknown	Loss of Riparian Habitat; Non-Point Source
White Lick Creek 0.0 to 2.8	2.8 miles	KY506590_ 00	River	Kentucky	Kentucky River	05100205	Garrard	5-PS	WAH	Total Suspended Solids (TSS)	Non-irrigated Crop Production; Specialty Crop Production
White Oak Creek 0.0 to 1.0	1 miles	KY516320_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Sedimentation/ Siltation	Agriculture
White Oak Creek 0.0 to 1.0	1 miles	KY516320_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Total Suspended Solids (TSS)	Agriculture

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
White Oak Creek 0.0 to 1.0	1 miles	KY516320_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-NS	WAH	Turbidity	Agriculture
White Oak Creek 0.0 to 2.8	2.8 miles	KY506613_ 01	River	Kentucky	Kentucky River	05100205	Garrard	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Managed Pasture Grazing; Municipal Point Source Discharges
White Oak Creek 0.0 to 2.8	2.8 miles	KY506613_ 01	River	Kentucky	Kentucky River	05100205	Garrard	5-NS	WAH	Sedimentation/ Siltation	Loss of Riparian Habitat; Managed Pasture Grazing
White Oak Creek 0.0 to 2.8	2.8 miles	KY506613_ 01	River	Kentucky	Kentucky River	05100205	Garrard	5-NS	WAH	Total Dissolved Solids	Loss of Riparian Habitat; Managed Pasture Grazing; Municipal Point Source Discharges
White Oak Creek 0.0 to 1.1	1.1 miles	KY485709_ 01	River	Sandy/ Tygarts	Tygarts Creek	05090103	Greenup	5-NS	WAH	Cause Unknown	Habitat Modification - Other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction)
White Oak Creek 0.0 to 4.2	4.2 miles	KY516318_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130104	McCreary	5-NS	WAH	Iron	Coal Mining
White Oak Creek 7.1 to 11.2	4.1 miles	KY506623_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Pulaski	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Whitley Branch 1.1 to 2.6	1.5 miles	KY516339_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Laurel	5-NS	PCR	Fecal Coliform	Sanitary Sewer Overflows (Collection System Failures)
Wilgreen Lake	169 acres	KY505023_ 01	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Madison	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Cate- gory	Use	Impairment	Suspected Source(s)
Wilgreen Lake	169 acres	KY505023_ 01	Fresh- water Reser- voir	Kentucky	Kentucky River	05100205	Madison	5-PS	WAH	Oxygen, Dissolved	Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Williams Creek 0.0 to 2.9	2.9 miles	KY506818_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Cause Unknown	Source Unknown
Williams Creek 0.0 to 2.9	2.9 miles	KY506818_ 01	River	Sandy/ Tygarts	Little Sandy River	05090104	Boyd	5-PS	WAH	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification; Natural Sources; Streambank Modifications/ Destabilization
Williams Creek 0.0 to 5.3	5.3 miles	KY506817_ 01	River	Salt/Licking	Licking River	05100101	Morgan	5-NS	PCR	Fecal Coliform	Source Unknown
Williams Creek 0.0 to 5.3	5.3 miles	KY506817_ 01	River	Salt/Licking	Licking River	05100101	Morgan	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Crop Production (Crop Land or Dry Land); Natural Sources
Wilson Creek 0.0 to 2.15	2.15 miles	KY506898_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	5-NS	WAH	Iron	Source Unknown
Wilson Creek 0.0 to 2.9	2.9 miles	KY506897_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Wilson Creek 0.0 to 2.9	2.9 miles	KY506897_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Wilson Creek 0.0 to 2.9	2.9 miles	KY506897_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Sedimentation/ Siltation	Coal Mining; Dredge Mining; Managed Pasture Grazing; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Wilson Creek 0.0 to 2.9	2.9 miles	KY506897_ 01	River	Sandy/ Tygarts	Big Sandy River	05070203	Floyd	5-NS	WAH	Total Dissolved Solids	Coal Mining; Petroleum/Natural Gas Activities
Wilson Creek 0.0 to 2.2	2.2 miles	KY506901_ 01	River	Salt/Licking	Salt River	05140103	Bullitt	5-NS	WAH	Oxygen, Dissolved	Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers
Wilson Creek 0.0 to 2.2	2.2 miles	KY506901_ 01	River	Salt/Licking	Salt River	05140103	Bullitt	5-NS	WAH	Sedimentation/ Siltation	Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers
Wilson Creek 0.0 to 2.2	2.2 miles	KY506901_ 01	River	Salt/Licking	Salt River	05140103	Bullitt	5-NS	WAH	Total Kjehldahl Nitrogen (TKN)	Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers
Withrow Creek 0.0 to 3.9	3.9 miles	KY506974_ 01	River	Salt/Licking	Salt River	05140103	Nelson	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Other Spill Related Impacts
Withrow Creek 0.0 to 3.9	3.9 miles	KY506974_ 01	River	Salt/Licking	Salt River	05140103	Nelson	5-PS	WAH	Oxygen, Dissolved	Other Spill Related Impacts
Wolf Branch Ditch 0.0 to 4.1	4.1 miles	KY501759- 2.6_00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Irrigated Crop Production; Non-irrigated Crop Production
Wolf Branch Ditch 0.0 to 4.1	4.1 miles	KY501759- 2.6_00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Phosphorus (Total)	Irrigated Crop Production; Non-irrigated Crop Production

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Wolf Branch Ditch 0.0 to 4.1	4.1 miles	KY501759- 2.6_00	River	Green/ Tradewater	Green River	05110005	Daviess	5-PS	WAH	Sedimentation/ Siltation	Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non- irrigated Crop Production
Wolf Creek 0.0 to 1.0	1 miles	KY506998_ 00	River	Green/ Tradewater	Tradewater	05140205	Crittenden	5-NS	WAH	Cause Unknown	Source Unknown
Wolf Creek 0.0 to 1.8	1.8 miles	KY516433_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Whitley	5-NS	WAH	Sedimentation/ Siltation	Non-irrigated Crop Production; Surface Mining
Wolf Creek 0.0 to 6.6	6.6 miles	KY507001_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	PCR	Escherichia coli	Unspecified Urban Stormwater
Wolf Creek 0.0 to 6.6	6.6 miles	KY507001_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining
Wolf Creek 0.0 to 6.6	6.6 miles	KY507001_ 01	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining; Unspecified Urban Stormwater
Wolf Creek 17.6 to 20.5	2.9 miles	KY507001_ 03	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Sedimentation/ Siltation	Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining
Wolf Creek 17.6 to 20.5	2.9 miles	KY507001_ 03	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Specific Conductance	Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining
Wolf Creek 17.6 to 20.5	2.9 miles	KY507001_ 03	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-PS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	IDÍ	Туре	Watershed	Basin ⁽¹⁾	HUČ	County	gory	Use	Impairment	Suspected Source(s)
Wolf Creek 6.6	11	KY507001_		Sandy/	Big Sandy					Sedimentation/	Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Other Spill Related Impacts; Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban
to 17.6	miles	02	River	Tygarts	River	05070201	Martin	5-NS	WAH	Siltation	Stormwater
Wolf Creek 6.6 to 17.6	11 miles	KY507001_ 02	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Specific Conductance	Other Spill Related Impacts; Surface Mining; Unspecified Urban Stormwater
Wolf Creek 6.6 to 17.6	11 miles	KY507001_ 02	River	Sandy/ Tygarts	Big Sandy River	05070201	Martin	5-NS	WAH	Total Dissolved Solids	Highway/Road/Bridge Runoff (Non-construction Related); Surface Mining
Wolf Lick Creek 0.0 to 14.6	14.6 miles	KY507017_ 01	River	Green/ Tradewater	Green River	05110003	Logan	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Silviculture Activities
Wolf Lick Creek 0.0 to 14.6	14.6 miles	KY507017_ 01	River	Green/ Tradewater	Green River	05110003	Logan	5-PS	WAH	Oxygen, Dissolved	Agriculture
Wolf Lick Creek 0.0 to 14.6 Wolf Run 0.0	14.6 miles 4.4	KY507017_ 01 KY507029	River	Green/ Tradewater	Green River Kentucky	05110003	Logan	5-PS	WAH	Sedimentation/ Siltation	Agriculture; Silviculture Activities; Streambank Modifications/ Destabilization Unspecified Urban Stormwater; Urban
to 4.4	miles	01	River	Kentucky	River	05100205	Fayette	5-NS	PCR	Fecal Coliform	Runoff/Storm Sewers
Wolf Run 0.0 to 4.4	4.4 miles	KY507029_ 01	River	Kentucky	Kentucky River	05100205	Fayette	5-NS	SCR	Fecal Coliform	Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Wolf Run 0.0 to 4.4	4.4 miles	KY507029_ 01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Channelization; Loss of Riparian Habitat; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Waterbody &	Total	Waterbody	Water			8-Digit		Cate-			
Segment	Size	ID	Type	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Wolf Run 0.0 to 4.4	4.4 miles	KY507029_ 01	River	Kentucky	Kentucky River	05100205	Fayette	5-PS	WAH	Specific Conductance	Channelization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers
Wolfpen Branch 0.0 to 1.7	1.7 miles	KY507038_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Sedimentation/ Siltation	Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining
Wolfpen Branch 0.0 to 1.7	1.7 miles	KY507038_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Temperature, Water	Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining
Wolfpen Branch 0.0 to 1.7	1.7 miles	KY507038_ 01	River	Sandy/ Tygarts	Big Sandy River	05070202	Pike	5-NS	WAH	Total Dissolved Solids	Silviculture Harvesting; Surface Mining
Wood Creek 0.0 to 1.95	1.95 miles	KY516466_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Laurel	5-NS	САН	Sedimentation/ Siltation	Habitat Modification - Other than Hydromodification
Woodruff Creek 0.0 to 3.7	3.7 miles	KY507110_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	PCR	Fecal Coliform	Agriculture; Non-Point Source
Woodruff Creek 0.0 to 3.7	3.7 miles	KY507110_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	SCR	Fecal Coliform	Agriculture; Non-Point Source
Woodruff Creek 0.0 to 3.7	3.7 miles	KY507110_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Agriculture; Loss of Riparian Habitat; Non- Point Source
Woodruff Creek 0.0 to 3.7	3.7 miles	KY507110_ 01	River	Salt/Licking	Licking River	05100102	Clark	5-NS	WAH	Specific Conductance	Agriculture; Non-Point Source
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_ 02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	PCR	Fecal Coliform	Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_ 02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Cause Unknown	Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers

Waterbody &	Total	Waterbody	Water		(1)	8-Digit		Cate-			
Segment	Size	ID	Туре	Watershed	Basin ⁽¹⁾	HUC	County	gory	Use	Impairment	Suspected Source(s)
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_ 02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Nutrient/ Eutrophication Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_ 02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Organic Enrichment (Sewage) Biological Indicators	Illegal Dumps or Other Inappropriate Waste Disposal; Urban Runoff/Storm Sewers
Woolper Creek 11.9 to 14.0	2.1 miles	KY485711_ 02	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	WAH	Total Suspended Solids (TSS)	Illegal Dumps or Other Inappropriate Waste Disposal; Impacts from Hydrostructure Flow Regulation/Modification; Urban Runoff/Storm Sewers
Woolper Creek 2.8 to 7.45	4.65 miles	KY485711_ 01	River	Salt/Licking	Ohio River	05090203	Boone	5-NS	PCR	Fecal Coliform	Agriculture
Wooten Creek 0.0 to 3.0	3 miles	KY516483_ 00	River	Kentucky	Kentucky River	05100202	Leslie	5-PS	WAH	Cause Unknown	Source Unknown
Yellow Creek 0.0 to 6.65	6.65 miles	KY507211_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	5-NS	PCR	Escherichia coli	Unspecified Domestic Waste; Urban Runoff/Storm Sewers
Younger Creek 0.0 to 4.5	4.5 miles	KY507254_ 01	River	Salt/Licking	Salt River	05140103	Hardin	5-PS	WAH	Nutrient/ Eutrophication Biological Indicators	Livestock (Grazing or Feeding Operations); Silviculture Activities
Younger Creek 0.0 to 4.5	4.5 miles	KY507254_ 01	River	Salt/Licking	Salt River	05140103	Hardin	5-PS	WAH	Sedimentation/ Siltation	Channelization; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Silviculture Activities

Chapter 10. Approved Delistings

Waterbody &	Total	Waterbody				8-Digit			
Segment	Size	ID	Water Type	Watershed	Basin ⁽¹⁾	HUC	County	Use	Impairment
Allison Creek 0.0	4.95	KY485886_			Licking				
to 4.95	miles	01	River	Salt/Licking	River	05100101	Fleming	WAH	Phosphorus (Total)
Bayou de Chien	5.5	KY486489_		Tenn/Miss/	Mississippi				
8.8 to 14.3	miles	02	River	Cumberland	River	08010201	Hickman	PCR	Escherichia coli
Bayou de Chien	5.5	KY486489_		Tenn/Miss/	Mississippi				
8.8 to 14.3	miles	02	River	Cumberland	River	08010201	Hickman	PCR	Fecal Coliform
								WAH;	
Bear Creek 0.0 to	3.3	KY510462_		Tenn/Miss/	Upper			PCR;	
3.3	miles	00	River	Cumberland	Cumberland	05130104	McCreary	SCR	рН
Brooks Run 2.7 to	1.7	KY487968_							
4.4	miles	02	River	Salt/Licking	Salt River	05140102	Bullitt	PCR	Fecal Coliform
Brooks Run 4.4 to	2	KY487968_							
6.4	miles	03	River	Salt/Licking	Salt River	05140102	Bullitt	PCR	Fecal Coliform
Brushy Fork 0.0 to	5.8	KY488131_			Licking				
5.8	miles	01	River	Salt/Licking	River	05100101	Pendleton	WAH	Sedimentation/Siltation
Cartwright Creek	6.6	KY489030_							Nutrient/Eutrophication
0.0 to 6.6	miles	01	River	Salt/Licking	Salt River	05140103	Washington	WAH	Biological Indicators
Cartwright Creek	6.6	KY489030_							
0.0 to 6.6	miles	01	River	Salt/Licking	Salt River	05140103	Washington	WAH	Sedimentation/Siltation
Cartwright Creek	6.1	KY489030_							
6.6 to 12.7	miles	02	River	Salt/Licking	Salt River	05140103	Washington	WAH	Cause Unknown
Clarks River 51.8	3.3	KY489552_		Tenn/Miss/	Tennessee				Nutrient/Eutrophication
to 55.1	miles	07	River	Cumberland	River	06040006	Calloway	WAH	Biological Indicators
Clarks River 51.8	3.3	KY489552_		Tenn/Miss/	Tennessee				Organic Enrichment (Sewage)
to 55.1	miles	07	River	Cumberland	River	06040006	Calloway	WAH	Biological Indicators
Clarks River 51.8	3.3	KY489552_		Tenn/Miss/	Tennessee				
to 55.1	miles	07	River	Cumberland	River	06040006	Calloway	WAH	Sedimentation/Siltation
Corbin City	139	KYCLN052_	Freshwater	Tenn/Miss/	Upper				Nutrient/Eutrophication
Reservoir	acres	00	Reservoir	Cumberland	Cumberland	05130101	Laurel	DWS	Biological Indicators
Corbin City	139	KYCLN052_	Freshwater	Tenn/Miss/	Upper				Organic Enrichment (Sewage)
Reservoir	acres	00	Reservoir	Cumberland	Cumberland	05130101	Laurel	DWS	Biological Indicators
Cumberland River	7.5	KY517018_		Tenn/Miss/	Upper				
553.4 to 560.9	miles	03	River	Cumberland	Cumberland	05130101	Whitley	PCR	Escherichia coli
Cumberland River	6.7	KY517018_		Tenn/Miss/	Upper				
653.25 to 659.95	miles	08	River	Cumberland	Cumberland	05130101	Bell	WAH	Iron

310

Waterbody &	Total	Waterbody				8-Digit			
Segment	Size	ID	Water Type	Watershed	Basin ⁽¹⁾	HUČ	County	Use	Impairment
Currys Fork 0.0 to	4.8	KY490506_							Nutrient/Eutrophication
4.8	miles	01	River	Salt/Licking	Salt River	05140102	Oldham	WAH	Biological Indicators
Currys Fork 0.0 to	4.8	KY490506_							
4.8	miles	01	River	Salt/Licking	Salt River	05140102	Oldham	WAH	Oxygen, Dissolved
Currys Fork 0.0 to	4.8	KY490506_							
4.8	miles	01	River	Salt/Licking	Salt River	05140102	Oldham	WAH	Sedimentation/Siltation
Cypress Creek	6.1	KY490528_		Tenn/Miss/	Tennessee				
0.1 to 6.2	miles	01	River	Cumberland	River	06040006	Marshall	WAH	Cause Unknown
Glens Creek 0.0	4.8	KY492904_							
to 4.8	miles	01	River	Salt/Licking	Salt River	05140103	Washington	WAH	Sedimentation/Siltation
	317	KY493464_	Freshwater						
Guist Creek Lake	acres	00	Reservoir	Salt/Licking	Salt River	05140102	Shelby	DWS	Manganese
	317	KY493464_	Freshwater						Nutrient/Eutrophication
Guist Creek Lake	acres	00	Reservoir	Salt/Licking	Salt River	05140102	Shelby	DWS	Biological Indicators
	317	KY493464_	Freshwater						Organic Enrichment (Sewage)
Guist Creek Lake	acres	00	Reservoir	Salt/Licking	Salt River	05140102	Shelby	DWS	Biological Indicators
Harrods Creek	30.1	KY493826_							
3.2 to 33.3	miles	02	River	Salt/Licking	Salt River	05140101	Oldham	PCR	Fecal Coliform
Indian Creek 2.6	5.2	KY512905_	D		Kentucky	05400004		0.411	
to 7.8	miles	02	River	Kentucky	River	05100204	Menifee	CAH	Sedimentation/Siltation
Indian Creek 2.6	5.2	KY512905_			Kentucky				
to 7.8	miles	02	River	Kentucky	River	05100204	Menifee	CAH	Total Dissolved Solids
Johnson Creek	3.5	KY495400			Licking				
0.0 to 8.2	miles	01	River	Salt/Licking	River	05100101	Robertson	PCR	Fecal Coliform
Licking River	6.6	KY513416			Licking				Organic Enrichment (Sewage)
264.85 to 271.45	miles	13	River	Salt/Licking	River	05100101	Magoffin	WAH	Biological Indicators
Licking River	6.6	KY513416_			Licking				
264.85 to 271.45	miles	13	River	Salt/Licking	River	05100101	Magoffin	WAH	Specific Conductance
Licking River	22.5	KY513416_		- call Liciting	Licking		Junagenni		
271.45 to 293.95	miles	14	River	Salt/Licking	River	05100101	Magoffin	WAH	Specific Conductance
				SalizLicking		03100101	wayonin	VVAN	
Licking River 30.8	6.65	KY513416_		0.11/1.1.1	Licking	05400404		DOD	
to 37.45	miles	04	River	Salt/Licking	River	05100101	Pendleton	PCR	Fecal Coliform
	0.45	10/100010						WAH;	
Livingston Creek	2.45	KY496913_	Diver	Tenn/Miss/	Lower	05100005	Luca	PCR;	
4.65 to 7.1	miles	01	River	Cumberland	Cumberland	05130205	Lyon	SCR	рН

Waterbody &	Total	Waterbody				8-Digit			
Segment	Size	ID	Water Type	Watershed	Basin ⁽¹⁾	HUČ	County	Use	Impairment
								WAH;	
Mayfield Creek	5.35	KY497717_		Tenn/Miss/	Mississippi			PCR;	
10.65 to 16.0	miles	02	River	Cumberland	River	08010201	Carlisle	SCR	рН
Mayfield Creek	2.7	KY497717_		Tenn/Miss/	Mississippi				
37.7 to 40.4	miles	08	River	Cumberland	River	08010201	Graves	WAH	Copper
Mayfield Creek	2.7	KY497717		Tenn/Miss/	Mississippi				
37.7 to 40.4	miles	08	River	Cumberland	River	08010201	Graves	WAH	Iron
Middle Fork Clarks	2.7	KY498115		Tenn/Miss/	Tennessee				
River 0.0 to 2.7	miles	01	River	Cumberland	River	06040006	Calloway	PCR	Fecal Coliform
Middle Fork Clarks	2.7	KY498115		Tenn/Miss/	Tennessee				Nutrient/Eutrophication
River 0.0 to 2.7	miles	01	River	Cumberland	River	06040006	Calloway	WAH	Biological Indicators
Middle Fork Clarks	2.7	KY498115_		Tenn/Miss/	Tennessee				
River 0.0 to 2.7	miles	01	River	Cumberland	River	06040006	Calloway	WAH	Sedimentation/Siltation
North Fork Licking									
River 45.5 to	7.05	KY499554_			Licking				
52.55	miles	03	River	Salt/Licking	River	05100101	Bracken	PCR	Fecal Coliform
North Fork Licking									
River 45.5 to	7.05	KY499554_			Licking				
52.55	miles	03	River	Salt/Licking	River	05100101	Bracken	WAH	Sedimentation/Siltation
Obion Creek 1.35	14.9	KY499767_		Tenn/Miss/	Mississippi				
to 16.25	miles	01	River	Cumberland	River	08010201	Hickman	WAH	Copper
Ohio River 792.1	2.8	KY425264_		Ohio River	788.4 to				
to 789.3	miles	28	River	Mainstem	785.6	05140202	Henderson	PCR	Escherichia coli
Townsend Creek	4.9	KY505401_			Licking				
0.0 to 2.9	miles	01	River	Salt/Licking	River	05100102	Bourbon	PCR	Fecal Coliform
UT to Brooks Run	2	KY487968-							
0.0 to 2.0	miles	4.3_01	River	Salt/Licking	Salt River	05140102	Bullitt	PCR	Fecal Coliform
West Fork Red									
River 14.75 to	12.05	KY1269347		Tenn/Miss/	Lower				Nutrient/Eutrophication
26.8	miles	_01	River	Cumberland	Cumberland	05130206	Christian	CAH	Biological Indicators
West Fork Red									
River 14.75 to	12.05	KY1269347		Tenn/Miss/	Lower				
26.8	miles	_01	River	Cumberland	Cumberland	05130206	Christian	CAH	Sedimentation/Siltation
	127	KY506852_	Freshwater						Nutrient/Eutrophication
Willisburg Lake	acres	00	Reservoir	Salt/Licking	Salt River	05140103	Washington	WAH	Biological Indicators
	127	KY506852_	Freshwater						
Willisburg Lake	acres	00	Reservoir	Salt/Licking	Salt River	05140103	Washington	WAH	Oxygen, Dissolved

312

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin ⁽¹⁾	8-Digit HUC	County	Use	Impairment
Wilson Creek 0.0 to 2.15	2.15 miles	KY506898_ 01	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Carlisle	PCR	Escherichia coli
Yellow Creek 0.0 to 6.65	6.65 miles	KY507211_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	WAH	Nutrient/Eutrophication Biological Indicators
Yellow Creek 0.0 to 6.65	6.65 miles	KY507211_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	WAH	Organic Enrichment (Sewage) Biological Indicators
Yellow Creek 0.0 to 6.65	6.65 miles	KY507211_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	WAH	Sedimentation/Siltation
Yellow Creek 0.0 to 6.65	6.65 miles	KY507211_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	WAH	Specific Conductance
Yellow Creek 0.0 to 6.65	6.65 miles	KY507211_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	WAH	Total Dissolved Solids
Yellowbank Creek 1.5 to 11.8	10.3 miles	KY516507_ 01	River	Salt/Licking	Salt River	05140101	Breckinridge	WAH	Nutrient/Eutrophication Biological Indicators
Yellowbank Creek 1.5 to 11.8	10.3 miles	KY516507_ 01	River	Salt/Licking	Salt River	05140101	Breckinridge	WAH	Sedimentation/Siltation

Chapter 11. EPA Approved TMDLs

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

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Bee Creek 0.0	0.7	KY486666_	water type	Tenn/Miss/	Tennessee	HOC	County	036	impaiment
to 0.7	miles	01	River	Cumberland	River	06040006	Calloway	PCR	Fecal Coliform
Bee Creek 0.7	1.3	KY486666_		Tenn/Miss/	Tennessee				
to 2.0	miles	02	River	Cumberland	River	06040006	Calloway	PCR	Escherichia coli
Bee Creek 0.7	1.3	KY486666_	D .	Tenn/Miss/	Tennessee		0.11	505	
to 2.0	miles	02	River	Cumberland	River	06040006	Calloway	PCR	Fecal Coliform
Beech Creek	3.9	KY486697_		Green/				PCR; SCR;	
0.0 to 3.9	miles	00	River	Tradewater	Green River	05110003	Muhlenberg	WAH	рН
Big Brush Creek	5	KY487146		Green/					
0.0 to 5.0	miles	01	River	Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Big Brush Creek	5.9	KY487146_		Green/					
7.1 to 13.0	miles	03	River	Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Big Creek 3.9 to 9.2	5.3 miles	KY487159_ 01	River	Green/ Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Big Creek 3.9 to	5.3	KY487159	TUVEI	Green/	Cleentiver	03110001	Audii	TON	
9.2	miles	01	River	Tradewater	Green River	05110001	Adair	SCR	Fecal Coliform
Big Pitman									
Creek 0.0 to 13.9	13.9 milee	KY487227_ 01	River	Green/ Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Big Pitman	miles	01	River	Tradewater	Green River	05110001	Green	PUR	
Creek 0.0 to	13.9	KY487227		Green/					
13.9	miles	01 —	River	Tradewater	Green River	05110001	Green	SCR	Fecal Coliform
Big Pitman		10/107007							
Creek 13.9 to 17.8	3.9 miles	KY487227_ 02	River	Green/ Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Big Pitman	111165	02	TUVEI	Tradewater	Cleen Tiver	03110001	Green	TON	
Creek 17.8 to	5.85	KY487227_		Green/					
23.65	miles	03	River	Tradewater	Green River	05110001	Taylor	PCR	Fecal Coliform
Big Reedy	4 7	1/1/407004		Crear /					
Creek 7.8 to 12.5	4.7 miles	KY487231_ 01	River	Green/ Tradewater	Green River	05110001	Edmonson	PCR	Fecal Coliform
Billy Creek 0.0	4.8	KY487317	1.1.0	Green/		00110001			
to 4.8	miles	01	River	Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
Blizzard Ponds	3.7	KY487484_		Tenn/Miss/	Tennessee	00040000			
Drainage Canal	miles	01	River	Cumberland	River	06040006	McCracken	PCR	Escherichia coli

Waterbody &	Total	Waterbody				8-Digit			
Segment	Size	ID	Water Type	Watershed	Basin	HUC	County	Use	Impairment
0.0 to 3.7									
Blizzard Ponds									
Drainage Canal	3.7	KY487484_		Tenn/Miss/	Tennessee				
0.0 to 3.7	miles	01	River	Cumberland	River	06040006	McCracken	PCR	Fecal Coliform
Blizzard Ponds									
Drainage Canal	1	KY487484_		Tenn/Miss/	Tennessee				
4.8 to 5.8	miles	02	River	Cumberland	River	06040006	McCracken	PCR	Escherichia coli
Blizzard Ponds									
Drainage Canal	1	KY487484_		Tenn/Miss/	Tennessee				
4.8 to 5.8	miles	02	River	Cumberland	River	06040006	McCracken	PCR	Fecal Coliform
Blue Lick 0.0 to	4.1	KY487526_			Kentucky				
4.1	miles	01	River	Kentucky	River	05100205	Lincoln	PCR	Escherichia coli
								PCR;	
Brier Creek 0.0	4.9	KY487897_		Green/				SCR;	
to 4.9	miles	00	River	Tradewater	Green River	05110006	Muhlenberg	WAH	рН
Brush Creek 1.1	6.4	KY510966_		Tenn/Miss/	Upper				
to 7.5	miles	00	River	Cumberland	Cumberland	05130102	Rockcastle	PCR	Fecal Coliform
Brush Creek 0.0	2.15	KY488077_		Green/			-		
to 2.15	miles	01	River	Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Buck Branch	2.8	KY488192_			Big Sandy				
0.0 to 2.8	miles	01	River	Sandy/Tygarts	River	05070203	Floyd	PCR	Escherichia coli
		10/100 100						PCR;	
Butchers Branch	2.1	KY488498_	D	Green/		05440004	11	SCR;	
0.3 to 2.4	miles	02	River	Tradewater	Ohio River	05140201	Hancock	WAH	рН
Butler Fork 2.5	1.9	KY488519_	Diver	Green/		05110001	A al a lu		Facel Oalifarms
to 4.4	miles	00	River	Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Caleb Fork 0.0	1.2	KY488598_	Divor	Condu/Tugorto	Big Sandy River	05070000	Floyd	PCR	Fachariahia aoli
to 1.2	miles 5.4	01 KY488685	River	Sandy/Tygarts Tenn/Miss/	Tennessee	05070203	Floyd	run	Escherichia coli
Camp Creek 0.0 to 5.4	5.4 miles	K ¥488685_ 00	River	Cumberland	l ennessee River	06040006	McCracken	PCR	Escherichia coli
Camp Creek	5.4	KY488685	nivei	Tenn/Miss/	Tennessee	00040000	WICCIACKEI	FUR	
0.0 to 5.4	5.4 miles	00	River	Cumberland	River	06040006	McCracken	PCR	Fecal Coliform
Camp Creek 5.4	4.1	KY488685	nivei	Tenn/Miss/	Tennessee	00040006	wiccracken	run	
to 9.5	4.1 miles	02	River	Cumberland	River	06040006	Graves	PCR	Escherichia coli
10 9.0	Times	02	RIVEI	Guinbenand	nivei	00040000	Glaves	FUN	

Waterbody &	Total	Waterbody				8-Digit			
Segment	Size	ID	Water Type	Watershed	Basin	HUC	County	Use	Impairment
								WAH;	
Cane Branch	2	KY511181_		Tenn/Miss/	Upper			PCR;	
0.0 to 2.0	miles	00	River	Cumberland	Cumberland	05130103	McCreary	SCR	рН
Cane Creek 0.0	2.9	KY511187_			Kentucky				
to 2.9	miles	00	River	Kentucky	River	05100204	Powell	PCR	Fecal Coliform
Cane Creek 0.0	9.5	KY511190_			Kentucky				
to 9.5	miles	00	River	Kentucky	River	05100201	Breathitt	PCR	Fecal Coliform
								PCR;	
Cane Run 0.0	4	KY488786_		Green/				SCR;	
to 4.0	miles	00	River	Tradewater	Tradewater	05140205	Hopkins	WAH	рН
Caney Fork 0.0	7.5	KY488862_			Big Sandy				
to 7.5	miles	01	River	Sandy/Tygarts	River	05070203	Knott	PCR	Escherichia coli
Carr Fork 0.0 to	5.9	KY511230_			Kentucky				
5.9	miles	01	River	Kentucky	River	05100201	Perry	PCR	Fecal Coliform
Carr Fork 0.0 to	5.9	KY511230_			Kentucky				
5.9	miles	01	River	Kentucky	River	05100201	Perry	SCR	Fecal Coliform
		Montgomery							
		Creek to							
Carr Fork 6.2 to	3.0	Reservoir			Kentucky				
8.9	miles	dam	River	Kentucky	River	05100201	Perry	PCR	Fecal Coliform
		Montgomery							
		Creek to							
Carr Fork 6.2 to	3.0	Reservoir			Kentucky				
8.9	miles	dam	River	Kentucky	River	05100201	Perry	SCR	Fecal Coliform
Casey Creek	1.15	KY485672_		Green/	a =				
3.0 to 4.95	miles	01	River	Tradewater	Green River	05110001	Casey	PCR	Fecal Coliform
Cassidy Creek	3.9	KY489064_	.		Licking				
0.0 to 3.9	miles	00	River	Salt/Licking	River	05100101	Fleming	PCR	Fecal Coliform
Catron Creek	8.9	KY489099_	D .	Tenn/Miss/	Upper	05400404			
0.0 to 8.9	miles	01	River	Cumberland	Cumberland	05130101	Harlan	PCR	Fecal Coliform
Central Creek	1.7	KY489283_		Tenn/Miss/	Mississippi				
0.8 to 2.5	miles	01	River	Cumberland	River	08010201	Carlisle	PCR	Fecal Coliform
Chenoweth Run	5.25	KY489391_							
0.0 to 5.25	miles	01	River	Salt/Licking	Salt River	05140102	Jefferson	WAH	Aquatic Plants (Macrophytes)
Chenoweth Run	5.25	KY489391_							Nutrient/Eutrophication
0.0 to 5.25	miles	01	River	Salt/Licking	Salt River	05140102	Jefferson	WAH	Biological Indicators

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Chenoweth Run 5.25 to 9.2	3.95 miles	KY489391_ 02	River	Salt/Licking	Salt River	05140102	Jefferson	WAH	Aquatic Plants (Macrophytes)
Chenoweth Run 5.25 to 9.2	3.95 miles	KY489391_ 02	River	Salt/Licking	Salt River	05140102	Jefferson	WAH	Nutrient/Eutrophication Biological Indicators
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	PCR	Escherichia coli
Chestnut Creek 0.0 to 3.0	3 miles	KY489424_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	PCR	Fecal Coliform
Clarks River 13.1 to 20.5	7.4 miles	KY489552_ 02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	PCR	Escherichia coli
Clarks River 55.6 to 64.7	9.1 miles	KY489552_ 08	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Clarks River 64.7 to 66.8	2.1 miles	KY489552_ 09	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Clarks Run 0.7 to 4.4	3.7 miles	KY489554_ 01	River	Kentucky	Kentucky River	05100205	Boyle	PCR	Escherichia coli
Clarks Run 4.4 to 6.7	2.3 miles	KY489554_ 02	River	Kentucky	Kentucky River	05100205	Boyle	PCR	Escherichia coli
Clarks Run 6.7 to 14.3	7.6 miles	KY489554_ 03	River	Kentucky	Kentucky River	05100205	Boyle	PCR	Escherichia coli
Claylick Creek 4.8 to 10.7	5.9 miles	KY489591_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Critenden	PCR	Fecal Coliform
Claylick Creek 2.0 to 4.8	2.8 miles	KY489591_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Crittenden	PCR	Fecal Coliform
Claylick Creek 2.4 to 3.4	1 miles	KY489590_ 00	River	Green/ Tradewater	Green River	05110001	Warren	PCR	Fecal Coliform
Clayton Creek 3.3 to 7.7	4.4 miles	KY489601_ 02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Clayton Creek Relict Channel 0.0 to 1.2	1.2 miles	KY491452- 63.7_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Clear Creek 0.0 to 4.9	4.9 miles	KY489611_ 01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Clover Fork 28.2 to 28.9	0.7 miles	KY511423_ 05	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 28.9 to 33.8	4.9 miles	KY511423_ 06	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 9.2 to 15.5	6.3 miles	KY511423_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 0.0 to 8.6	8.6 miles	KY511423_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Escherichia coli
Clover Fork 0.0 to 8.6	8.6 miles	KY511423_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 15.5 to 18.2	2.7 miles	KY511423_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Clover Fork 18.2 to 28.2	10 miles	KY511423_ 04	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Cloverlick Creek 0.0 to 5.0	5 miles	KY511427_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Cooley Creek 0.65 to 2.3	1.65 miles	KY490025_ 00	River	Tenn/Miss/ Cumberland	Mississippi River	08010201	Graves	PCR	Fecal Coliform
Copper Creek 0.0 to 2.2	2.2 miles	KY511529_ 01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Copperas Fork 0.0 to 4.23	4.23 miles	KY511533_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130104	McCreary	WAH; PCR; SCR	рН
Craborchard Creek 0.0 to 3.4	3.4 miles	KY490247_ 01	River	Green/ Tradewater	Green River	05110006	Hopkins	PCR; SCR; WAH	рН
Craborchard Creek 3.4 to 7.3	3.9 miles	KY490247_ 02	River	Green/ Tradewater	Green River	05110006	Hopkins	PCR; SCR; WAH	рН
Craintown Branch 0.0 to 3.6	3.6 miles	KY490277_ 00	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Crooked Creek 5.7 to 12.2	6.5 miles	KY511648_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130102	Rockcastle	PCR	Fecal Coliform

Cooked Creek Cooked Creek5.6KYS1164 OIRiverTenn/Miss/ CumberlandUpper CumberlandOS130102Rockcastle RockcastlePCRFecal ColiformRiver CumberlandCumberland05130102RockcastlePCRFecal ColiformRiver CumberlandCumberland05130101BellPCRFecal ColiformGaran CumberlandCumberland05130101BellPCRFecal ColiformCumberland RiverS.3KY517018_ RiverTenn/Miss/ CumberlandUpper Cumberland05130101HarlanPCRFecal ColiformCypress Creek3.4KY490526_ RiverRiverTenn/Miss/ CumberlandUpper Cumberland05130101HarlanPCRFecal ColiformDamon Creek 0.0 to 1.81.8KY490545_ RiverTenn/Miss/ RiverTennessee CumberlandNuhlenberg RiverPCREscherichia coliDamon Creek 0.0 to 1.8KY490545_ milesRiverTennessee River06040006Calloway CallowayPCRFecal ColiformDix River 3.32.8KY517054_ milesRiverKentucky RiverNo10205GarardPCREscherichia coliDix River 73.9 to5.4KY517054_ milesRiverKentucky RiverNo10205RockcastlePCREscherichia coliDix River 73.9 to5.4KY517054_ milesRiverKentucky RiverKentucky RiverNo10205RockcastlePCREscherichia coli <td< th=""><th>Waterbody & Segment</th><th>Total Size</th><th>Waterbody ID</th><th>Water Type</th><th>Watershed</th><th>Basin</th><th>8-Digit HUC</th><th>County</th><th>Use</th><th>Impairment</th></td<>	Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
0.1 to 5.7miles01RiverCumberland01RiverCumberland05130102RockcastlePCRFecal ColiformGumberland River 643.6 to4.1KY517018 06RiverTenn/Miss/ CumberlandUpper CumberlandD5130101BellPCRFecal Coliform647.7miles06RiverTenn/Miss/ CumberlandUpper CumberlandD5130101BellPCRFecal Coliform647.7milesKY517018 RiverRiverTenn/Miss/ CumberlandUpper CumberlandD5130101HarlanPCRFecal Coliform647.7miles11RiverTenn/Miss/ 				water type			1100	County	030	impairment
Cumberland River 643.6 to 647.7H. KY517018_ ofRiverTenn/Miss/ CumberlandUpper CumberlandImage for 05130101PCRFecal ColiformCumberland River 683.6 to 688.95.3KY517018_ milesKY517018_ 11Fenn/Miss/ CumberlandUpper CumberlandImage for 05130101PCRFecal ColiformCypress Creek 3.1 to 26.53.4KY490526_ 02.1 milesRiverGreen/ TradewaterGreen River0510006Muhlenberg CumberlandPCREscherichia coliDamon Creek 0.0 to 1.81.8KY490545_ 01.1 RiverRiverTenn/Miss/ CumberlandTennessee RiverGreen River06040006CallowayPCREscherichia coliDamon Creek 0.0 to 1.81.8KY490545_ 01.1 RiverTenn/Miss/ RiverTennessee CumberlandGreen River06040006CallowayPCREscherichia coliDix River 36.1 to 0.3 6.17.7KY517054_ RiverRiverKentucky River05100205Garrard GarrardPCREscherichia coliDix River 64.3 to 0.3 6.17.6KY517054_ RiverRiverKentucky River05100205GarrardPCREscherichia coliDix River 64.3 to 0.3 8.15.4KY517054_ RiverRiverKentucky RiverNoCallowayPCREscherichia coliDix River 64.3 to 0.3 8.15.4KY517054_ RiverRiverKentucky RiverRiver05100205RockcastlePCREscherichia coli <t< td=""><td></td><td></td><td></td><td>River</td><td></td><td></td><td>05130102</td><td>Rockcastle</td><td>PCR</td><td>Fecal Coliform</td></t<>				River			05130102	Rockcastle	PCR	Fecal Coliform
647.7miles0.6RiverCumberlandCumberland05130101BellPCRFecal ColiformCumberlandRiverCumberlandCumberland05130101HarlanPCRFecal Coliform688.9niles1.1RiverGreen/ TradewaterCumberland05130101HarlanPCRFecal ColiformCypress Creek3.4KY490526 nilesRiverGreen/ TradewaterGreen River05110006MuhlenbergPCREscherichia coliDamon Creek1.8KY490545 nilesRiverTenn/Miss/ CumberlandTennessee River06040006CallowayPCREscherichia coliDamon Creek1.8KY490545 nilesRiverTenn/Miss/ CumberlandTennessee River06040006CallowayPCREscherichia coliDamon Creek1.8KY490545 nilesRiverTenn/Miss/ CumberlandTennessee River06040006CallowayPCREscherichia coliDix River 30.107.7KY517054 nilesRiverKentuckyKentucky River05100205GarrardPCREscherichia coliDix River 30.109.6KY517054 nilesRiverKentuckyRiver05100205GarrardPCREscherichia coliDix River 73.9 to9.6KY517054 nilesRiverRiverSc100205CallowayPCREscherichia coliDix River 73.9 to9.6KY517054 nilesRiverSalt/LickingRiver05100205 <td>Cumberland</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Cumberland			-						
Cumberland River 683.6 to5.3 milesKY517018 11RiverTenn/Miss/ CumberlandUpper CumberlandO5130101HarlanPCRFecal ColiformCypress Creek 23.1 to 26.53.4 milesKY490526 02RiverGreen/ TradewaterGreen River05110006MuhlenbergPCREscherichia coliDamon Creek 0.0 to 1.81.8 milesKY490545 01RiverTenn/Miss/ CumberlandTennessee River06040006CallowayPCREscherichia coliDamon Creek 0.0 to 1.81.8 milesKY490545 01Tenn/Miss/ RiverTennessee Cumberland06040006CallowayPCREscherichia coliDix River 33.3 4.8C.8 milesKY517054 02RiverTenn/Miss/ CumberlandTennessee River06040006CallowayPCRFecal ColiformDix River 33.3 4.8C.8 milesKY517054 02RiverKentucky RiverRiver05100205GarrardPCREscherichia coliDix River 33.9 3.9S.6 milesKY517054 03RiverKentucky RiverKentucky River05100205GarrardPCREscherichia coliDix River 73.9 to 9.35.4 milesKY3103 01RiverKentucky RiverKentucky RiverS100205RockastlePCREscherichia coliDix River 73.9 to 9.35.4 milesKY491032 01RiverSalt/Licking RiverS100205RockastlePCREscherichia coliDix R				5.						
River 683.6 to 688.95.3 milesKY517018_ 11RiverTenn/Miss/ CumberlandUpper Cumberland05130101HarlanPCRFecal ColiformCypresc Creek 2.3.1 to 26.54.KY490526_ 0202RiverGreen / TradewaterGreen River05130100MuhlenbergPCREscherichia coliDamon Creek 0.0 to 1.81.8KY490545_ 010-18RiverTenn/Miss/ CumberlandTennessee River06040006CallowayPCREscherichia coliDamon Creek 0.0 to 1.81.8KY490545_ 010-18RiverTenn/Miss/ CumberlandTennessee River06040006CallowayPCRFecal ColiformDix River 33.32.8KY517054_ milesRiverKentucky RiverRiver0510025GarrardPCREscherichia coliDix River 36.1 to 33.87.7KY517054_ milesRiverKentucky RiverRiver0510025GarrardPCREscherichia coliDix River 73.9 to 3.35.4KY517054_ RiverRiverKentucky RiverRiver0510025LincolnPCREscherichia coliDix River 73.9 to 3.35.4KY517054_ RiverRiverKentucky RiverRiver0510025LincolnPCREscherichia coliDix River 73.9 to 3.35.4KY517054_ RiverRiverSalt/Licking RiverSalt/LickingPCREscherichia coliDix River 73.9 to 3.35.4KY49103_ RiverRiverSalt/Licki		miles	06	River	Cumberland	Cumberland	05130101	Bell	PCR	Fecal Coliform
688.9miles11RiverCumberlandCumberland05130101HarlanPCRFecal ColiformCypress Creek3.4KY490526RiverGreen/ TradewaterGreen River05110006MuhlenbergPCREscherichia coli23.1 to 26.5miles02RiverTradewaterGreen River05040066CallowayPCREscherichia coli0.0 to 1.8miles01RiverTenn/Miss/ CumberlandTennesseeGreen/ River06040006CallowayPCREscherichia coli0.0 to 1.8miles01RiverTenn/Miss/ CumberlandTennesseeGreen/ RiverFenzesFenzesFenzesFenzes0.0 to 1.8miles01RiverKentuckyRiver05100056GarrardPCRFecal Coliform0.1 kiver 33.32.8KY517054 milesRiverKentuckyRiver05100205GarrardPCREscherichia coli0.1 kiver 64.3 to9.6KY517054 milesRiverKentuckyRiver05100205GarrardPCREscherichia coli0.1 kiver 64.3 to5.4KY517054 milesRiverKentuckyRiver05100205GarrardPCREscherichia coli0.1 kiver 64.3 to5.4KY517054 milesRiverKentuckyRiver05100205RockcastlePCREscherichia coli0.1 kiver 73.9 to5.4KY517054 milesRiverKentuckyRiver05100205Rockcastle		53	KV517018		Tonn/Miss/	Linner				
Cypress Creek 23.1 to 26.53.4 milesKY490526 02RiverGreen/ TradewaterGreen River05110006MulhenbergPCREscherichia coliDamon Creek 0.0 to 1.81.8 milesKY490545 01RiverTenn/Miss/ CumberlandTennessee River06040006CallowayPCREscherichia coliDamon Creek 0.0 to 1.81.8 milesKY490545 01RiverTenn/Miss/ CumberlandTennessee River06040006CallowayPCREscherichia coliDix River 33.3 to 36.12.8 milesKY517054 03RiverTenn/Miss/ KentuckyTennessee River06040006CallowayPCRFecal ColiformDix River 36.1 to 7.7 43.87.7 milesKY517054_ 03RiverKentucky KentuckyKentucky River05100205Garrard GarrardPCREscherichia coliDix River 61.3 to 73.99.6 milesKY517054_ 05RiverKentucky KentuckyKentucky River05100205Garrard GarrardPCREscherichia coliDix River 73.9 to 0.2 35.4 milesKY517054_ 05RiverKentucky RiverSalt/Licking River05100205Rockcastle RockcastlePCREscherichia coliDix River 73.9 to 0.2 35.4 milesKY491093_ 01RiverSalt/Licking RiverSalt/LickingPCREscherichia coliDix River 6.5 0.15.5 milesKY491093_ 01RiverSalt/LickingRiver05100205Rockca				River			05130101	Harlan	PCR	Fecal Coliform
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73.9miles04RiverKentuckyRiver05100205LincolnPCREscherichia coliDix River 73.9 to 9.35.4KY517054 milesRiverRiverKentucky RiverRiver05100205RockcastlePCREscherichia coliDoty Branch 0.02.3KY2355192 milesRiverSalt/LickingRiver05100101FlemingPCRFecal ColiformDoty Branch 0.02.3KY2355192 milesRiverSalt/LickingRiver05100101FlemingPCRFecal ColiformDrakes Creek 1.15 to 7.36.15KY491093 ollRiverKentuckyRiver05100205LincolnPCREscherichia coliDrakes Creek 0.0 to 9.06.15KY491097 milesRiverGreen/ Tradewater05100205LincolnPCREscherichia coliDry Creek 0.0 to 3.653.65KY491176 milesRiverTenn/Miss/ CumberlandLower Cumberland05130205CaldwellPCRFecal Coliform				nivei	Rentucky		05100205	Garraru	FUN	
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79.3miles05RiverKentuckyRiver05100205RockcastlePCREscherichia coliDoty Branch 0.0 to 2.32.3KY2355192 milesRiverSalt/LickingLicking River05100101FlemingPCRFecal ColiformDrakes Creek 1.15 to 7.36.15KY491093_ milesRiverKentuckyKentuckyDistoredDistoredPCREscherichia coliDrakes Creek 0.0 to 9.06.15KY491097_ milesRiverKentuckyRiver05100205LincolnPCREscherichia coliDrakes Creek 0.0 0.0 to 9.09KY491097_ milesGreen/ RiverGreen / TradewaterGreen River05110006HopkinsWAHpHDry Creek 0.0 to 3.653.65KY491176_ milesRiverTenn/Miss/ CumberlandLower CumberlandCaldwellPCRFecal Coliform			-	1 11 101	rtontdorty		00100200	Lindoin	1.011	
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Drakes Creek 1.15 to 7.36.15 milesKY491093 01RiverKentucky KentuckyKentucky RiverJost opticLincolnPCREscherichia coliDrakes Creek 0.0 to 9.09 milesKY491097 01RiverGreen/ TradewaterGreen River05110006HopkinsPCR; SCR; WAHPCR; pHDry Creek 0.0 to 3.653.65 milesKY491176 01RiverTenn/Miss/ CumberlandLower Cumberland05130205CaldwellPCRFecal Coliform										
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Drakes Creek 0.0 to 9.09 milesKY491097_ 01Green/ RiverGreen/ TradewaterGreen River05110006HopkinsPCR; SCR; WAHPHDry Creek 0.0 to 3.653.65 milesKY491176_ 01RiverTenn/Miss/ CumberlandLower Cumberland05130205CaldwellPCRFecal Coliform										
Drakes Creek 0.0 to 9.09KY491097 milesGreen/ RiverGreen/ TradewaterGreen River05110006HopkinsSCR; WAHpHDry Creek 0.0 to 3.653.65 milesKY491176 01Fenn/Miss/ RiverLower CumberlandLower 05130205CaldwellPCRFecal Coliform	1.15 to 7.3	miles	01	River	Kentucky	River	05100205	Lincoln		Escherichia coli
0.0 to 9.0miles01RiverTradewaterGreen River05110006HopkinsWAHpHDry Creek 0.0 to 3.653.65 milesKY491176 01RiverTenn/Miss/ CumberlandLower CumberlandCaldwellPCRFecal Coliform										
Dry Creek 0.0 3.65 KY491176_0 Tenn/Miss/ Lower Output Caldwell PCR Fecal Coliform				Divor			05110000	Llankina	· · · ·	
to 3.65 miles 01 River Cumberland Cumberland 05130205 Caldwell PCR Fecal Coliform			-	niver			00110006	поркіль	WAH	μπ
				Biver			05130205	Caldwell	PCB	Fecal Coliform
		1	-	1 11 4 61			00100200	Caldwell		
0.0 to 2.5 miles 00 River Cumberland River 06040006 Marshall PCR Escherichia coli				River			06040006	Marshall	PCB	Escherichia coli

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Duncan Creek 0.0 to 2.5	2.5 miles	KY491300_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	PCR	Fecal Coliform
East Fork Clarks River 7.2 to 8.0	0.8 miles	KY491450_ 03	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
East Fork Little Sandy River 16.9 to 24.9	8 miles	KY491469_ 02	River	Sandy/Tygarts	Little Sandy River	05090104	Boyd	WAH	Organic Enrichment (Sewage) Biological Indicators
East Fork of Clarks River 0.0 to 2.7	2.7 miles	KY491450_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
East Fork of Little Barren River 0.0 to 15.9	15.9 miles	KY491468_ 01	River	Green/ Tradewater	Green River	05110001	Metcalfe	PCR	Fecal Coliform
East Fork of Little Barren River 0.0 to 15.9	15.9 miles	KY491468_ 01	River	Green/ Tradewater	Green River	05110001	Metcalfe	SCR	Fecal Coliform
East Fork of Little Barren River 20.7 to 30.0	9.3 miles	KY491468_ 03	River	Green/ Tradewater	Green River	05110001	Metcalfe	PCR	Fecal Coliform
Eddy Creek 7.7 to 10.25	2.55 miles	KY491550_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	PCR	Fecal Coliform
Eddy Creek 13.15 to 15.9	2.75 miles	KY491550_ 03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	PCR	Fecal Coliform
Elijahs Creek 0.0 to 5.2	5.2 miles	KY491627_ 00	River	Salt/Licking	Ohio River	05090203	Boone	WAH	Ethylene Glycol
Farley Branch 0.0 to 2.2	2.2 miles	KY491983_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Ferguson Creek 0.05 to 1.2	1.15 miles	KY492034_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Livingston	PCR	Fecal Coliform
Fleming Creek 12.8 to 16.0	3.2 miles	KY492236_ 02	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Fleming Creek	18.6	KY492236_	waler rype	Watershed	Licking	HUC	County	USE	impaiment
20.8 to 39.4	miles	04	River	Salt/Licking	River	05100101	Fleming	PCR	Fecal Coliform
Fleming Creek	12.8	KY492236_			Licking				
0.0 to 12.8	miles	01	River	Salt/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
10.0 10 20.0	THIES	00	Tuver	Sall/Licking		03100101	Tienning	1011	
Floyds Fork 0.0	11.6	KY492278_							Organic Enrichment (Sewage)
to 11.7	miles	01	River	Salt/ Licking	Salt River	05140102	Bullitt	WAH	Biological Indicators
Floyds Fork 11.7	12.5	KY492278							Organic Enrichment (Sewage)
to 24.2	miles	02	River	Salt/Licking	Salt River	05140102	Jefferson	WAH	Biological Indicators
		-		<u> </u>					
Floyds Fork 24.2	9.9	KY492278_							Organic Enrichment (Sewage)
to 34.1	miles	03	River	Salt/ Licking	Salt River	05140102	Jefferson	WAH	Biological Indicators
Floyds Fork 34.1	27.8	KY492278					Oldham;		Organic Enrichment (Sewage)
to 61.9	miles	04	River	Salt/Licking	Salt River	05140102	Shelby	WAH	Biological Indicators
Frasure Creek	5.2	KY492468_			Big Sandy				2
0.0 to 5.2	miles	01	River	Sandy/Tygarts	River	05070203	Floyd	PCR	Escherichia coli
Frog Branch 0.0 to 3.4	3.4 miles	KY492562_	River	Kantualuu	Kentucky	05100005	Lincoln		Fachariahia aali
Gilberts Creek	1.25	01 KY492821	River	Kentucky	River Kentucky	05100205	Lincoln	PCR	Escherichia coli
0.0 to 1.25	niles	01	River	Kentucky	River	05100205	Lincoln	PCR	Escherichia coli
Glens Fork 0.0	7.1	KY492907_		Green/				PCR;	
to 7.1	miles	00	River	Tradewater	Green River	05110001	Adair	SCR	Fecal Coliform
Greasy Creek	4.2	KY493234_	Diver	Tenn/Miss/	Upper Ourseland	05100101	Dell		
0.0 to 4.2 Gunpowder	miles	01	River	Cumberland	Cumberland	05130101	Bell	PCR	Fecal Coliform
Creek 15.4 to	1.7	KY493502_							
17.1	miles	02 -	River	Salt/Licking	Ohio River	05090203	Boone	WAH	Ethylene Glycol
Hanging Fork of Dix River 0.0 to	15.85	KY493684			Kentucky				
15.85	miles	01	River	Kentucky	River	05100205	Lincoln	PCR	Escherichia coli

Waterbody &	Total	Waterbody				8-Digit			
Segment	Size	ID	Water Type	Watershed	Basin	HUC	County	Use	Impairment
Hanging Fork of									
Dix River 0.0 to	15.85	KY493684_			Kentucky	05400005			
15.85	miles	01	River	Kentucky	River	05100205	Lincoln	PCR	Fecal Coliform
Hanging Fork of									
Dix River 15.85	8.3	KY493684_	D .		Kentucky				
to 24.15	miles	02	River	Kentucky	River	05100205	Lincoln	PCR	Escherichia coli
Hanging Fork of									
Dix River 24.15	3.45	KY493684_			Kentucky				
to 27.6	miles	03	River	Kentucky	River	05100205	Lincoln	PCR	Escherichia coli
Hanging Fork of									
Dix River 27.6 to	4.6	KY493684_			Kentucky				
32.2	miles	04	River	Kentucky	River	05100205	Lincoln	PCR	Escherichia coli
Harris Creek	6.25	KY493804_			Kentucky				
0.0 to 6.25	miles	01	River	Kentucky	River	05100205	Lincoln	PCR	Escherichia coli
Harrods Creek	3.2	KY493826_							Organic Enrichment (Sewage)
0.0 to 3.2	miles	01	River	Salt/Licking	Salt River	05140101	Oldham	WAH	Biological Indicators
Haskell Branch	3.3	KY493854_		Tenn/Miss/	Tennessee				
1.2 to 4.5	miles	01	River	Cumberland	River	06040006	Graves	PCR	Escherichia coli
Hickory Creek	3.75	KY494122_		Tenn/Miss/	Lower				
0.05 to 3.8	miles	00	River	Cumberland	Cumberland	05130205	Livingston	PCR	Fecal Coliform
Honey Run 0.0	3.65	KY494483		Green/			- J		
to 3.65	miles	01	River	Tradewater	Green River	05110001	Hart	PCR	Fecal Coliform
		-	TUVEI	Tradewater		03110001	Πάπ		
Huskens Run	4.9	KY494854_	Diver		Licking	05100100	Devude eve		Facel Oalifarm
0.2 to 1.5	miles	01	River	Salt/Licking	River	05100102	Bourbon	PCR	Fecal Coliform
Jacks Creek 0.0	4.4	KY495089_			Big Sandy				
to 4.4	miles	01	River	Sandy/Tygarts	River	05070203	Floyd	PCR	Escherichia coli
Jones Fork 0.0	9.9	KY495499			Big Sandy				
to 9.9	miles	01	River	Sandy/Tygarts	River	05070203	Knott	PCR	Escherichia coli
Knoblick Creek	4.8	KY495849		, ,,,	Kentucky				
0.0 to 4.8	miles	01	River	Kentucky	River	05100205	Lincoln	PCR	Escherichia coli
Left Fork Beaver				rionitionty		00100200	2		
Creek 0.0 to		KY496194			Big Sandy				
11.4	11.4	01	River	Sandy/Tygarts	River	05070203	Floyd	PCR	Escherichia coli
Left Fork Beaver				canaj, i jgano					
Creek 11.4 to	2.15	KY496194			Big Sandy				
13.55	miles	02	River	Sandy/Tygarts	River	05070203	Floyd	PCR	Escherichia coli
10.00	iiiic3	02		Sundy/ i ygants		00070200	i ioyu	1.011	

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Left Fork Beaver	Size	U	water rype	Watersheu	Dasili		County	Use	Impaintient
Creek 18.7 to 28.6	5.3 miles	KY496194_ 04	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Left Fork of Straight Creek 0.0 to 13.1	13.1 miles	KY513326_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Little Barren River 0.0 to 9.8	9.8 miles	KY496604_ 01	River	Green/ Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Little Barren River 9.8 to 15.7	5.9 miles	KY496604_ 02	River	Green/ Tradewater	Green River	05110001	Green	PCR; SCR	Fecal Coliform
Little Bayou Creek 0.0 to 7.2	7.2 miles	KY496607_ 01	River	Tenn/Miss/ Cumberland	Ohio River	05140206	McCracken	WAH	Polychlorinated biphenyls
Little Brush Creek 3.2 to 13.2	10 miles	KY496646_ 01	River	Green/ Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Little Cypress Creek 0.0 to 8.7	8.7 miles	KY496701_ 01	River	Green/ Tradewater	Green River	05110006	Muhlenberg	PCR	Escherichia coli
Little Cypress Creek 8.7 to 10.1	1.4 miles	KY496701_ 02	River	Green/ Tradewater	Green River	05110006	Muhlenberg	PCR; SCR; WAH	рН
Little Pitman Creek 10.1 to 11.3	1.2 miles	KY496827_ 02	River	Green/ Tradewater	Green River	05110001	Taylor	PCR	Fecal Coliform
Little Pitman Creek 0.0 to 10.1	10.1 miles	KY496827_ 01	River	Green/ Tradewater	Green River	05110001	Taylor	PCR	Fecal Coliform
Little Pitman Creek 0.0 to 10.1	10.1 miles	KY496827_ 01	River	Green/ Tradewater	Green River	05110001	Taylor	SCR	Fecal Coliform
Little River 30.6 to 31.9	1.3 miles	KY496838_ 03	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	PCR	Fecal Coliform
Little River 31.9 to 46.1	14.2 miles	KY496838_ 04	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Trigg	PCR	Fecal Coliform
Little River 46.1 to 58.3	12.2 miles	KY496838_ 05	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	PCR	Fecal Coliform

Waterbody &	Total Size	Waterbody ID	Water Ture	Watershed	Basin	8-Digit HUC	County	Use	Impoirmont
Segment			Water Type		Basin	HUC	County	Use	Impairment
Little Russell Creek 0.0 to 6.1	6.1 miles	KY496854_ 01	River	Green/ Tradewater	Croop Divor	05110001	Croop	PCR	Fecal Coliform
			River		Green River	05110001	Green	PCR	
Livingston Creek 4.65 to 7.1	2.45 miles	KY496913_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	PCR	Escherichia coli
	3.15		nivei	Cumbenanu		05130205	Lyon	FUN	
Logan Creek 0.0 to 3.15	3.15 miles	KY496980_ 01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Logan Run 0.0	2.3	KY496986	Tuver	Пенциску	Licking	03100203	LINCOIN	TON	
to 2.3	miles	00	River	Salt/Licking	River	05100101	Fleming	PCR	Fecal Coliform
Looney Creek	5.9	KY497165		Tenn/Miss/	Upper				
0.0 to 5.9	miles	01	River	Cumberland	Cumberland	05130101	Harlan	PCR	Fecal Coliform
Lower Cane	4.1	KY513680			Kentucky				
Creek 0.0 to 4.1	miles	01	River	Kentucky	River	05100204	Powell	PCR	Escherichia coli
Lynn Camp	8.5	KY497374_		Green/					
Creek 0.0 to 8.5	miles	01	River	Tradewater	Green River	05110001	Hart	PCR	Fecal Coliform
Lynn Camp	8.5	KY497374_		Green/					
Creek 0.0 to 8.5	miles	01	River	Tradewater	Green River	05110001	Hart	SCR	Fecal Coliform
Martins Fork 0.0	11.8	KY497628_		Tenn/Miss/	Upper				
to 10.2	miles	01	River	Cumberland	Cumberland	05130101	Harlan	PCR	Fecal Coliform
McKinney	10	1/1/107000			Kantuslus				
Branch 0.0 to 1.9	1.9 miles	KY497908_ 01	River	Kentucky	Kentucky River	05100205	Lincoln	PCR	Escherichia coli
Middle Fork	miles	01	nivei	Rentucky	nivei	05100205	LINCOIN	FUN	
Beargrass Creek	2	KY498112							
0.0 to 2.0	miles	01	River	Salt/ Licking	Salt River	05140101	Jefferson	PCR	Fecal Coliform
Middle Fork				3					
Beargrass Creek	0.9	KY498112_							
2.0 to 2.9	miles	02	River	Salt/ Licking	Salt River	05140101	Jefferson	PCR	Fecal Coliform
Middle Fork Beargrass Creek	12.4	KY498112							
2.9 to 15.3	niles	03	River	Salt/ Licking	Salt River	05140101	Jefferson	PCR	Fecal Coliform
Middle Fork	111103				Gairriver				
Clarks River 2.7	2.1	KY498115_		Tenn/Miss/	Tennessee				
to 4.8	miles	02	River	Cumberland	River	06040006	Calloway	PCR	Escherichia coli
Middle Fork									
Clarks River 6.1	3	KY498115_	Diver	Tenn/Miss/	Tennessee	00040000	Oallan		Fachariakia asli
to 9.1	miles	03	River	Cumberland	River	06040006	Calloway	PCR	Escherichia coli

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Middle Fork Creek 0.2 to 6.0	5.8 miles	KY498117_ 00	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	PCR	Escherichia coli
Middle Fork Right Fork Cane Creek 0.0 to 2.8	2.8 miles	KY513936_ 01	River	Kentucky	Kentucky River	05100204	Powell	PCR	Escherichia coli
Middle Pitman Creek 0.0 to 7.7	7.7 miles	KY498146_ 01	River	Green/ Tradewater	Green River	05110001	Green	PCR	Fecal Coliform
Middle Pitman Creek 0.0 to 7.7	7.7 miles	KY498146_ 01	River	Green/ Tradewater	Green River	05110001	Green	SCR	Fecal Coliform
Middle Pitman Creek 8.2 to 10.1	1.9 miles	KY498146_ 02	River	Green/ Tradewater	Green River	05110001	Taylor	PCR	Fecal Coliform
Muddy Fork Beargrass Creek 0.0 to 6.9	6.9 miles	KY499042_ 00	River	Salt/Licking	Salt River	05140101	Jefferson	PCR	Fecal Coliform
Mussin Branch 0.0 to 1.7	1.7 miles	KY499140_ 00	River	Salt/Licking	Salt River	05140103	Marion	WAH; PCR; SCR	рН
Newcombe Creek 1.1 to 7.3	6.2 miles	KY499428_ 01	River	Sandy/Tygarts	Little Sandy River	05090104	Elliott	WAH	Total Dissolved Solids
Nolin River 37.6 to 88.2	50.6 miles	KY499512_ 02	River	Green/ Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
North Fork Kentucky River 1.3 to 2.3	1 miles	KY514290_ 02	River	Kentucky	Kentucky River	05100201	Lee	PCR	Fecal Coliform
North Fork Kentucky River 104.1 to 105.1	1 miles	KY514290_ 09	River	Kentucky	Kentucky River	05100201	Perry	PCR	Fecal Coliform
North Fork Kentucky River 131.0 to 132.0	1 miles	KY514290_ 12	River	Kentucky	Kentucky River	05100201	Letcher	PCR	Fecal Coliform
North Fork Kentucky River 145.5 to 147.9	2.4 miles	KY514290_ 14	River	Kentucky	Kentucky River	05100201	Letcher	PCR	Fecal Coliform

Waterbody &	Total	Waterbody				8-Digit			
Segment	Size	ID	Water Type	Watershed	Basin	HUC	County	Use	Impairment
North Fork									
Kentucky River	14.1	KY514290_			Kentucky				
147.9 to 162.0	miles	15	River	Kentucky	River	05100201	Letcher	PCR	Fecal Coliform
North Fork									
Kentucky River	33.4	KY514290_			Kentucky				
2.3 to 35.7	miles	03	River	Kentucky	River	05100201	Lee	PCR	Fecal Coliform
North Fork				-					
Kentucky River	11.5	KY514290			Kentucky				
35.7 to 47.2	miles	04	River	Kentucky	River	05100201	Breathitt	PCR	Fecal Coliform
North Fork				-					
Kentucky River	1	KY514290			Kentucky				
47.2 to 48.2	miles	05 _	River	Kentucky	River	05100201	Breathitt	PCR	Fecal Coliform
North Fork				-					
Kentucky River	7.2	KY514290			Kentucky				
48.2 to 55.4	miles	06	River	Kentucky	River	05100201	Breathitt	PCR	Fecal Coliform
North Fork				· · · · · ·					
Kentucky River	1.3	KY514290			Kentucky				
0.0 to 1.3	miles	01	River	Kentucky	River	05100201	Lee	PCR	Fecal Coliform
North Fork				•					
Kentucky River	5.8	KY514290			Kentucky				
105.1 to 110.9	miles	10	River	Kentucky	River	05100201	Perry	PCR	Fecal Coliform
North Fork				-			-		
Kentucky River	14.1	KY514290			Kentucky				
110.9 to 125.0	miles	11 –	River	Kentucky	River	05100201	Breathitt	PCR	Fecal Coliform
North Fork				, i i i i i i i i i i i i i i i i i i i					
Kentucky River	6	KY514290			Kentucky				
125.0 to 131.0	miles	11A	River	Kentucky	River	05100201	Breathitt	PCR	Fecal Coliform
North Fork				, i i i i i i i i i i i i i i i i i i i					
Kentucky River	13.5	KY514290_			Kentucky				
132.0 to 145.5	miles	13	River	Kentucky	River	05100201	Letcher	PCR	Fecal Coliform
North Fork									
Kentucky River	21.7	KY514290_			Kentucky				
55.4 to 77.1	miles	07	River	Kentucky	River	05100201	Perry	PCR	Fecal Coliform
North Fork				, , , , , , , , , , , , , , , , , , ,					
Kentucky River	12.65	KY514290			Kentucky				
77.7 to 89.75	miles	07A	River	Kentucky	River	05100201	Perry	PCR	Fecal Coliform

Waterbody &	Total	Waterbody				8-Digit			
Segment	Size	ID	Water Type	Watershed	Basin	HUC	County	Use	Impairment
North Fork									
Kentucky River	10.2	KY514290_			Kentucky				
89.75 to 99.95	miles	08	River	Kentucky	River	05100201	Perry	PCR	Fecal Coliform
North Fork									
Kentucky River	4.15	KY514290_			Kentucky				
99.95 to 104.1	miles	08A	River	Kentucky	River	05100201	Perry	PCR	Fecal Coliform
	0.3	KY499555_		Tenn/Miss/	Lower				
River 0.0 to 0.3	miles	01	River	Cumberland	Cumberland	05130205	Christian	PCR	Fecal Coliform
North Fork of									
Little River 7.0	3.9	KY499555_		Tenn/Miss/	Lower				
to 10.9	miles	03	River	Cumberland	Cumberland	05130205	Christian	PCR	Fecal Coliform
North Fork of									
	6.7	KY499555_		Tenn/Miss/	Lower				
7.0	miles	02	River	Cumberland	Cumberland	05130205	Christian	PCR	Fecal Coliform
North Fork of									
Little River 10.9	5.3	KY499555_		Tenn/Miss/	Lower				
to 16.2	miles	04	River	Cumberland	Cumberland	05130205	Christian	PCR	Fecal Coliform
Otter Creek 0.0	0.5	KY500021_			Big Sandy				
to 0.5	miles	01	River	Sandy/Tygarts	River	05070203	Floyd	PCR	Escherichia coli
Panther Creek	3.1	KY500155		Tenn/Miss/	Tennessee				
0.0 to 3.1	miles	01 –	River	Cumberland	River	06040005	Graves	PCR	Escherichia coli
Pettys Fork 0.0	6.1	KY500492_		Green/					
to 6.1	miles	00 —	River	Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Pettys Fork 0.0	6.1	KY500492		Green/					
to 6.1	miles	00 —	River	Tradewater	Green River	05110001	Adair	SCR	Fecal Coliform
Peyton Creek	4.1	KY500504			Kentucky				
0.0 to 4.1	miles	01	River	Kentucky	River	05100205	Lincoln	PCR	Escherichia coli
		01		Rondony		00100200	Lindoni		
Discount Dura	0.1	1/1/500000		Orregent				PCR;	
	2.1	KY500906_	Diver	Green/		05110000	Llandina	SCR;	
0.0 to 2.1	miles	01	River	Tradewater	Green River	05110006	Hopkins	WAH	рН
								PCR;	
Pleasant Run	5.7	KY500906_		Green/				SCR;	
2.1 to 7.8	miles	02	River	Tradewater	Green River	05110006	Hopkins	WAH	рН
								PCR;	
Pond Creek	3.7	KY501042		Green/				SCR;	
	miles	05	River	Tradewater	Green River	05110003	Muhlenberg	WAH	На

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Pond Creek 18.1 to 22.1	4 miles	KY501042_ 06	River	Green/ Tradewater	Green River	05110003	Muhlenberg	PCR; SCR; WAH	рН
Pond Creek 7.5 to 11.7	4.2 miles	KY501042_ 03	River	Green/ Tradewater	Green River	05110003	Muhlenberg	PCR; SCR; WAH	рН
Pond Creek 11.7 to 14.4	2.7 miles	KY501042_ 04	River	Green/ Tradewater	Green River	05110003	Muhlenberg	PCR; SCR; WAH	рН
Poor Fork of Cumberland River 0.0 to 14.9	14.9 miles	KY514707_ 01	River	Upper Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Poor Fork of Cumberland River 14.9 to 16.3	1.4 miles	KY514707_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Poor Fork of Cumberland River 16.3 to 31.8	15.5 miles	KY514707_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform
Poplar Creek 0.0 to 1.2	1.2 miles	KY501096_ 01	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Poplar Grove Branch 0.0 to 3.4	3.4 miles	KY501108_ 00	River	Green/ Tradewater	Green River	05110001	Taylor	PCR	Fecal Coliform
Puckett Creek 0.0 to 9.9	9.9 miles	KY501413_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Render Creek 0.0 to 3.6	3.6 miles	KY501725_ 00	River	Green/ Tradewater	Green River	05110003	Ohio	PCR; SCR; WAH	рН
Richland Creek 0.7 to 5.4	4.7 miles	KY501820_ 00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Livingston	PCR	Fecal Coliform
Richland Creek 11.6 to 21.5	9.9 miles	KY514915_ 03	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	PCR	Fecal Coliform

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
Richland Creek 0.0 to 6.3	6.3 miles	KY514915_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	PCR	Escherichia coli
Richland Creek 6.3 to 11.6	5.3 miles	KY514915	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Knox	PCR	Fecal Coliform
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_ 01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	Floyd	Fecal coliform
Right Fork Beaver Creek 0.0 to 17.4	17.4 miles	KY501863_ 01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Right Fork Beaver Creek 30.3 to 33.4	2.9 miles	KY501863_ 04	River	Sandy/Tygarts	Big Sandy River	05070203	Knott	PCR	Escherichia coli
Right Fork Beaver Creek 17.4 to 23.3	5.9 miles	KY501863_ 02	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Right Fork Cane Creek 2.2 to 5.2	3 miles	KY514935_ 01	River	Kentucky	Kentucky River	05100204	Powell	PCR	Escherichia coli
Rock Creek 0.0 to 4.3	4.3 miles	KY515024_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130104	McCreary	WAH; PCR; SCR	рН
Russell Creek 24.1 to 40.0	15. miles	KY502521_ 04	River	Green/ Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Russell Creek 23.8 to 40.0	16.2 miles	KY502521_ 04	River	Green/ Tradewater	Green River	05110001	Adair	SCR	Fecal Coliform
Russell Creek 40.0 to 42.2	2.2 miles	KY502521_ 05	River	Green/ Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Russell Creek 40.0 to 42.2	2.2 miles	KY502521_ 05	River	Green/ Tradewater	Green River	05110001	Adair	SCR	Fecal Coliform
Russell Creek 60.4 to 66.3	5.9 miles	KY502521_ 07	River	Green/ Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Russell Creek 60.4 to 66.3	5.9 miles	KY502521_ 07	River	Green/ Tradewater	Green River	05110001	Adair	SCR	Fecal Coliform

Waterbody &	Total	Waterbody				8-Digit			
Segment	Size	ID	Water Type	Watershed	Basin	HUC	County	Use	Impairment
Ryans Creek 0.0 to 5.7	5.7 miles	KY515156_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	McCreary	WAH; PCR; SCR	рН
Salt Lick Creek 0.0 to 6.8	6.8 miles	KY502845_ 01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Sand Lick Branch 0.0 to 1.2	1.2 miles	KY502926_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
Sand Lick Fork 0.0 to 5.3	5.3 miles	KY515225_ 01	River	Kentucky	Kentucky River	05100204	Powell	WAH	Total Dissolved Solids
Sandy Creek 0.1 to 2.4	2.3 miles	KY502979_ 00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Livingston	PCR	Fecal Coliform
Simpson Branch 0.0 to 1.8	1.8 miles	KY503532_ 01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Sizemore Branch 0.0 to 2.0	2 miles	KY503590_ 01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Skinframe Creek 0.0 to 4.8	4.8 miles	KY503607_ 00	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Lyon	PCR	Fecal Coliform
Sleepy Run 0.0 to 3.1	3.1 miles	KY503678_ 00	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Soldier Creek 0.0 to 5.7	5.7 miles	KY503868_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Marshall	PCR	Escherichia coli
South Fork Beargrass Creek 0.0 to 2.7	2.7 miles	KY503905_ 01	River	Salt/Licking	Salt River	05140101	Jefferson	PCR	Fecal Coliform
South Fork Beargrass Creek 2.7 to 13.6	10.9 miles	KY503905_ 02	River	Salt/Licking	Salt River	05140101	Jefferson	PCR	Fecal Coliform
South Fork Camp Creek 0.0 to 1.35	1.3 miles	KY503908_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
South Fork of Little Barren River 0.0 to 23.1	23.1 miles	KY503933_ 01	River	Green/ Tradewater	Green River	05110001	Metcalfe	PCR	Fecal Coliform

Waterbody &	Total	Waterbody			Decis	8-Digit			
Segment	Size	ID	Water Type	Watershed	Basin	HUC	County	Use	Impairment
South Fork of Little Barren River 0.0 to 23.1	23.1 miles	KY503933_ 01	River	Green/ Tradewater	Green River	05110001	Metcalfe	SCR	Fecal Coliform
South Fork of Little Barren River 23.1 to 30.1	7 miles	KY503933_ 02	River	Green/ Tradewater	Green River	05110001	Metcalfe	PCR	Fecal Coliform
South Fork of Little River 0.0 to 10.3 South Fork of	10.3 miles	KY503934_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	PCR	Fecal Coliform
Little River 10.3 to 20.3	10 miles	KY503934_ 02	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Christian	PCR	Fecal Coliform
South Fork Red River 0.0 to 3.9	3.9 miles	KY515547_ 01	River	Kentucky	Kentucky River	05100204	Powell	WAH	Total Dissolved Solids
South Fork Red River 4.2 to 10.6	6.4 miles	KY515547_ 02	River	Kentucky	Kentucky River	05100204	Powell	WAH	Total Dissolved Solids
Spewing Camp Branch 0.0 to 3.1	3.1 miles	KY504061_ 01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Spring Creek 0.0 to 2.0	2 miles	KY504124_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
Spring Creek 3.6 to 5.4	1.8 miles	KY504124_ 02	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
Spurlock Creek 0.0 to 0.6	0.6 miles	KY504191_ 01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Straight Creek 0.0 to 1.7	1.7 miles	KY515746_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR	Escherichia coli
Straight Creek 1.7 to 23.5	21.6 miles	KY515746_ 02	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Bell	PCR	Fecal Coliform
Stump Cave Branch 0.0 to 1.6	1.6 miles	KY515765_ 01	River	Kentucky	Kentucky River	05100204	Powell	WAH	Total Dissolved Solids

Waterbody &	Total	Waterbody				8-Digit			
Segment	Size	ID	Water Type	Watershed	Basin	HUC	County	Use	Impairment
Sugar Creek 0.0 to 5.3	5.3 miles	KY504656_ 00	River	Green/ Tradewater	Tradewater	05140205	Hopkins	PCR; SCR; WAH	рН
Sugar Creek 2.2 to 6.9	4.7 miles	KY504655_ 01	River	Tenn/Miss/ Cumberland	Lower Cumberland	05130205	Livingston	PCR	Fecal Coliform
Sulphur Creek 0.0 to 10.7	10.7 miles	KY504734_ 01	River	Green/ Tradewater	Green River	05110001	Adair	PCR	Fecal Coliform
Tampa Branch 0.0 to 2.15	2.15 miles	KY504931_ 01	River	Green/ Tradewater	Green River	05110001	Hart	PCR	Fecal Coliform
Taylorsville Reservoir	3050 acres	KY2571204 _00	Freshwater Reservoir	Salt/Licking	Salt River	05140102	Spencer	WAH	Nutrient/Eutrophication Biological Indicators
Town Branch 0.0 to 4.0	4 miles	KY505381_ 00	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Townsend Creek 11.8 to 14.9	4.9 miles	KY505401_ 05	River	Salt/Licking	Licking River	05100102	Bourbon	PCR	Fecal Coliform
Townsend Creek 2.9 to 4.8	4.9 miles	KY505401_ 02	River	Salt/Licking	Licking River	05100102	Bourbon	PCR	Fecal Coliform
Townsend Creek 4.8 to 10.0	4.9 miles	KY505401_ 03	River	Salt/Licking	Licking River	05100102	Bourbon	PCR	Fecal Coliform
Trace Creek 1.1 to 5.9	4.8 miles	KY505419_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
Troublesome Creek 0.0 to 45.1	45.1 miles	KY505515_ 01	River	Kentucky	Kentucky River	05100201	Breathitt	PCR	Fecal Coliform
Turkey Creek 0.0 to 5.9	5.9 miles	KY505598_ 01	River	Sandy/Tygarts	Big Sandy River	05070203	Floyd	PCR	Escherichia coli
Turkey Creek 0.0 to 3.4	3.4 miles	KY505595_ 01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Graves	PCR	Escherichia coli
UT of Blizzard Ponds Drainage Canal at RM 3.7 0.0 to 4.2	4.2 miles	KY487484- 3.7_01	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	McCracken	PCR	Escherichia coli

Waterbody &	Total	Waterbody				8-Digit			
Segment	Size	ID	Water Type	Watershed	Basin	HUC	County	Use	Impairment
UT of Cypress	3.4	KY490526-		Green/					
Creek 0.0 to 3.4	miles	26.1_01	River	Tradewater	Green River	05110006	Muhlenberg	PCR	Escherichia coli
UT of South									
Fork Camp	0	1/1/500000		Taura (Missa)	T				
Creek at RM 0.05 0.0 to 3.0	3 milee	KY503908-	River	Tenn/Miss/	Tennessee	00040000	Croves	PCR	Fachariahia agli
UT to Bacon	miles	0.05_01	River	Cumberland	River	06040006	Graves	FUR	Escherichia coli
Creek at RM	3.7	KY486187		Green/					
17.8, 0.0 to 3.7	miles	17.8	River	Tradewater	Green River	05110001	Hart	PCR	Escherichia coli
UT to Bacon	mico	17.0		Tradewater	Greentiver	00110001		1 011	
Creek at RM	3.8	KY486197_		Green/					
28.9, 0.0 to 2.45	miles	28.9	River	Tradewater	Green River	05110001	Larue	PCR	Escherichia coli
UT to									
Baughman Fork	1.1	KY486478-			Kentucky				Nutrient/Eutrophication
0.0 to 1.1	miles	2.6_01	River	Kentucky	River	05100205	Fayette	WAH	Biological Indicators
UT to									
Baughman Fork	1.1	KY486478-			Kentucky				Organic Enrichment (Sewage)
0.0 to 1.1	miles	2.6_01	River	Kentucky	River	05100205	Fayette	WAH	Biological Indicators
UT to Chestnut	0.7	KY489424-		Tenn/Miss/	Tennessee				
Creek 0.0 to 0.7	miles	2.8_00	River	Cumberland	River	06040006	Marshall	PCR	Escherichia coli
UT to Cypress									
Creek 0.0 to	1.45	KY490526-		Green/					
1.45	miles	28.6_01	River	Tradewater	Green River	05110006	Muhlenberg	PCR	Escherichia coli
UT to Cypress	3	KY490526-		Green/					
Creek 0.0 to 3.0	miles	26.3_01	River	Tradewater	Green River	05110006	Muhlenberg	PCR	Escherichia coli
UT to Fleming	2.1	KY492236-			Licking				
Creek 0.0 to 2.1	miles	4.4_00	River	Salt/Licking	River	05100101	Fleming	PCR	Fecal Coliform
UT to Little									
Cypress Creek	1.75	KY496701-		Green/					
0.0 to 1.75	miles	3.1_01	River	Tradewater	Green River	05110006	Muhlenberg	PCR	Escherichia coli
UT to Little									
Cypress Creek	3.25	KY496701-	D' A	Green/		05440000		000	English table and
0.0 to 3.25	miles	4.0_01	River	Tradewater	Green River	05110002	Muhlenberg	PCR	Escherichia coli
								WAH;	
UT to Rolling	0.6	KY502293-						PCR;	
Fork 0.0 to 0.6	miles	94.6_00	River	Salt/Licking	Salt River	05140103	Marion	SCR	рН

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
UT to South							,		
Fork of Russell	0.6	KY503945-		Green/					
Creek 0.0 to 0.6	miles	4.8_00	River	Tradewater	Green River	05110001	Green	WAH	Total Dissolved Solids
UT to UT to		10/100701							
Little Cypress Creek 0.0 to 2.6	2.6 miles	KY496701- 0.9-4.0_01	River	Green/ Tradewater	Green River	05110002	Muhlenberg	PCR	Escherichia coli
			nivei		Green River	05110002	Mullienberg	FUN	
Valley Creek 0.0 to 3.6	3.6 miles	KY505940_ 01	River	Green/ Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
Valley Creek	1.8	KY505940	TUVEI	Green/	Green Tilver	03110001	Tarun	TON	
10.8 to 12.6	miles	03	River	Tradewater	Green River	05110001	Hardin	PCR	Fecal Coliform
West Fork				Hadowator			- Taran		
Clarks River	2.75	KY506426_		Tenn/Miss/	Tennessee				
10.35 to 13.1	miles	02	River	Cumberland	River	06040006	Graves	PCR	Escherichia coli
West Fork	0.0	1/1/500400		T	T				
Clarks River 28.5 to 31.4	2.9 miles	KY506426_ 06	River	Tenn/Miss/ Cumberland	Tennessee River	06040006	Calloway	PCR	Escherichia coli
West Fork	miles	00	nivei	Cumbenanu	nivei	00040000	Galloway	FUN	
Clarks River	2.8	KY506426		Tenn/Miss/	Tennessee				
31.4 to 34.2	miles	07 —	River	Cumberland	River	06040006	Calloway	PCR	Escherichia coli
West Fork of									
Clarks River 0.0	10.35	KY506426_	D .	Tenn/Miss/	Tennessee			DOD	
to 10.35 West Fork of	miles	01	River	Cumberland	River	06040006	McCracken	PCR	Escherichia coli
Clarks River	4.1	KY506426		Tenn/Miss/	Tennessee				
13.1 to 17.2	miles	03	River	Cumberland	River	06040006	Graves	PCR	Escherichia coli
West Fork of									
Clarks River	8.4	KY506426_		Tenn/Miss/	Tennessee				
20.1 to 28.5	miles	05	River	Cumberland	River	06040006	Marshall	PCR	Escherichia coli
West Fork of Clarks River									
(Relict Channel)	11.1	KY506426-		Tenn/Miss/	Tennessee				
0.0 to 11.1	miles	10.4 01	River	Cumberland	River	06040006	Graves	PCR	Escherichia coli
White Oak	2.8	KY506613			Kentucky				
Creek 0.0 to 2.8	miles	01	River	Kentucky	River	05100205	Garrard	PCR	Escherichia coli
White Oak	3.4	KY506612_			Kentucky				
Creek 0.0 to 3.4	miles	01	River	Kentucky	River	05100205	Lincoln	PCR	Escherichia coli

Waterbody & Segment	Total Size	Waterbody ID	Water Type	Watershed	Basin	8-Digit HUC	County	Use	Impairment
White Oak Creek 0.0 to 4.2	4.2 miles	KY516318_ 01	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130104	McCreary	WAH; PCR; SCR	рН
Wildcat Branch 0.0 to 2.1	2.1 miles	KY516359_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130103	Pulaski	WAH; PCR; SCR	рН
Wilson Run 0.0 to 5.1	5.1 miles	KY506915_ 00	River	Salt/Licking	Licking River	05100101	Fleming	PCR	Fecal Coliform
Yocum Creek 0.0 to 6.5	6.5 miles	KY507228_ 00	River	Tenn/Miss/ Cumberland	Upper Cumberland	05130101	Harlan	PCR	Fecal Coliform

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

A.1 Kentucky River Basin Rivers

Arnolds Creek 0.0 to 10.8 (10.8 mi)

Into Ten Mile Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Non-irrigated Crop Production; Streambank Modifications/Destabilization

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

Bailey Run 0.0 to 2.9 (2.9 mi)

Into Kentucky River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids Suspected Sources: Source Unknown; Unspecified Urban Stormwater

Balls Fork 8.3 to 11.3 (3 mi)

Into Troublesome Creek

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Sedimentation/Siltation

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

Pollutant: Total Dissolved Solids Suspected Sources: Surface Mining

Beals Run 0.0 to 1.9 (1.9 mi)

Into South Elkhorn Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

Pollutant: Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation

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

Knott County

Anderson County

Woodford County

Grant County

Benson Creek 0.0 to 4.6 (4.6 mi)

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

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

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

Benson Creek 4.6 to 6.7 (2.1 mi)

Franklin County

Into I	Kentucky River
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Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources	: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pollutant: Suspected Sources	Sedimentation/Siltation : Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)

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

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

Benson Creek 6.7 to 13.4 (6.7 mi)

Franklin County

Into Kentucky River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related)

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

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

Franklin County

Big Caney Creek 0.3 to 8.0	<u>(7.7 mi)</u>	Breathitt County
Into Quicksand Creek		
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
Pollutant: Suspected Sources:	Sedimentation/Siltation Impacts from Abandoned Mine Lands (Inactive); Loss of F Sand/Gravel/Rock Mining or Quarries; Silviculture Harvest Modifications/Destabilization; Surface Mining	
Pollutant: Suspected Sources:	Total Dissolved Solids Impacts from Abandoned Mine Lands (Inactive); Sand/Gra or Quarries; Silviculture Harvesting; Surface Mining	avel/Rock Mining
Pollutant: Suspected Sources:	Turbidity Impacts from Abandoned Mine Lands (Inactive); Loss of F Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining	Riparian Habitat;
Big Twin Creek 0.0 to 3.8 (Into Kentucky River Impaired Use: Warm Wat Pollutant:	<u>3.8 mi)</u> er Aquatic Habitat (Partial Support) Sedimentation/Siltation	Owen County
Suspected Sources:	Agriculture; Habitat Modification - Other than Hydromodific	cation
Big Willard Creek 0.0 to 4.	<u>5 (4.5 mi)</u>	Perry County
Into North Fork Kentucky Riv		
	er Aquatic Habitat (Nonsupport)	
Pollutant: Suspected Sources:	Sedimentation/Siltation Impacts from Abandoned Mine Lands (Inactive); Loss of F Sand/Gravel/Rock Mining or Quarries; Silviculture Harvest Modifications/Destabilization; Surface Mining	
Pollutant: Suspected Sources:	Total Dissolved Solids Impacts from Abandoned Mine Lands (Inactive); Sand/Gra or Quarries; Silviculture Harvesting; Surface Mining	avel/Rock Mining
Pollutant:	Turbidity	

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

Black John Branch 0.0 to 0.4 (0.4 mi)

Knott County

Into Defeated Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Selenium Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining Specific Conductance Pollutant: Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining Total Dissolved Solids Pollutant: Suspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface Mining

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

Blair Branch 0.0 to 0.7 (0.7 mi)

Into Defeated Creek

 Impaired Use: Primary Contact Recreation Water (Nonsupport)

 Pollutant:
 Escherichia coli

 Suspected Sources:
 Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:Specific ConductanceSuspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface MiningPollutant:Total Dissolved Solids

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

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

Boone Creek 7.4 to 12.6 (5.2 mi)

Into Kentucky River

 Impaired Use: Primary Contact Recreation Water (Nonsupport)

 Pollutant:
 Fecal Coliform

 Suspected Sources: Livestock (Grazing or Feeding Operations)

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Livestock (Grazing or Feeding Operations)

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

Bowen Creek 0.0 to 1.6 (1.6 mi)

Into Red Bird River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

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

Breeding Creek 0.9 to 4.2 (3.3 mi)

Into Breeding Creek (Carr Fork Reservoir)

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:Specific ConductanceSuspected Sources: Coal Mining Discharges (Permitted); Mountaintop Mining; Surface MiningPollutant:Total Dissolved Solids

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

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

Leslie County

Knott County

Fayette County

Brush Creek 0.0 to 6.6 (6.6	<u>6 mi)</u> Powell County	
Into Red River	ter Aquatic Habitat (Partial Support)	
Pollutant:	Cause Unknown	
Suspected Sources:	Source Unknown	
Buckhorn Creek 0.0 to 2.4		Breathitt County
Impaired Use: Primary C Pollutant:	ontact Recreation Water (Nonsupport) Fecal Coliform	
Suspected Sources:		
-		
Buckhorn Creek 2.4 to 6.8 Into Troublesome Creek	<u>a (4.4 mi)</u>	Breathitt County
	ter Aquatic Habitat (Partial Support)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Impacts from Abandoned Mine Lands (Inactive)	
Pollutant: Suspected Sources:	Total Dissolved Solids Impacts from Abandoned Mine Lands (Inactive)	
Bull Creek 0.0 to 2.0 (2 mi) Into Collins Fork	2	Knox County
Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Non-irrigated Crop Production	
Cane Run 0.0 to 3.0 (3 mi)		Scott County
Into North Elkhorn Creek	ontact Represention Water (Nonsupport)	
Pollutant:	ontact Recreation Water (Nonsupport) Fecal Coliform	
	Livestock (Grazing or Feeding Operations); Managed Package Plant or Other Permitted Small Flows Disch Urban Stormwater	
Impaired Use: Secondary	y Contact Recreation Water (Partial Support)	
Pollutant:	Fecal Coliform	
Suspected Sources:	Livestock (Grazing or Feeding Operations); Managed Package Plant or Other Permitted Small Flows Disch Urban Stormwater	
Impaired Use: Warm Wa	ter Aquatic Habitat (Nonsupport)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Livestock (Grazing or Feeding Operations); Managed Non-irrigated Crop Production; Package Plant or Oth Flows Discharges; Unspecified Urban Stormwater	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Livestock (Grazing or Feeding Operations); Managed Non-irrigated Crop Production	d Pasture Grazing;

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

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

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

Cane Run 3.0 to 9.6 (6.6 mi)

Scott County

Into North Elkhorn Creek	
Impaired Use: Primary C	ontact Recreation Water (Nonsupport)
Pollutant:	Fecal Coliform
Suspected Sources:	Livestock (Grazing or Feeding Operations); Package Plant or Other Permitted Small Flows Discharges
Impaired Use: Warm Wa	ter Aquatic Habitat (Nonsupport)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	Landfills; Livestock (Grazing or Feeding Operations); Package Plant or Other Permitted Small Flows Discharges
Pollutant:	Specific Conductance
Suspected Sources:	Highways, Roads, Bridges, Infrastructure (New Construction); Landfills; Livestock (Grazing or Feeding Operations)
Impaired Use: Warm Water	Aquatic Habitat (Nonsupport)
Pollutant:	Sedimentation/Siltation
Suspected Sources:	Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Non- Irrigated Crop Production

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

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

Cane Run 9.6 to 17.4 (7.8 mi)

Fayette County

Into North Elkhorn Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

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

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

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

Caney Creek 0.0 to 1.5 (1.5 mi)

Into Eagle Creek		
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Loss of Riparian Habitat; Managed Pasture Grazing	
Pollutant:	Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources:	Loss of Riparian Habitat; Managed Pasture Grazing	
	Sedimentation/Siltation Channelization; Loss of Riparian Habitat; Managed Pasture Graz	ing

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

Carr Fork 6.2 to 8.9 (2.7 mi)

Into North Fork Kentucky River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining Discharges (Permitted), Mountaintop Mining, Surface Mining

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

Carr Fork 15.6 to 26.4 (10.8 mi)

Into Carr Fork Reservoir Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Unspecified Domestic Waste

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Specific Conductance

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

 Pollutant:
 Total Suspended Solids (TSS)

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

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

Owen County

Knott County

Cat Creek 0.0 to 8.0 (8 mi)

Into Red River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat

Cedar Creek 0.0 to 9.4 (9.4 mi)

Into Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Grazing in Riparian or Shoreline Zones

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

Chambers Fork 0.7 to 1.1 (0.4 mi)

Into Baptist Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Clarks Run 0.7 to 4.4 (3.7 mi)

Into Dix River (Herrington Lake) Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Ammonia (Un-ionized) Suspected Sources: Municipal Point Source Discharges; Source Unknown; Unrestricted Cattle Access; Urban Runoff/Storm Sewers Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Municipal Point Source Discharges; Unrestricted Cattle Access; Urban Runoff/Storm Sewers Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Municipal Point Source Discharges; Unrestricted Cattle Access; Urban Runoff/Storm Sewers Sedimentation/Siltation Pollutant: Suspected Sources: Municipal Point Source Discharges; Streambank Modifications/Destabilization

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

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

Owen County

Powell County

Wolfe County

Boyle County

Clarks Run 6.7 to 14.3 (7.6 mi)

Into Dix River (Herrington Lake)

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation Suspected Sources: Streambank Modifications/Destabilization

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

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

Collins Fork 2.4 to 6.3 (3.9 mi)

Into Goose Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification

Cope Fork 0.0 to 1.9 (1.9 mi)

 Into Frozen Creek

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

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

 Pollutant:
 Total Dissolved Solids

Suspected Sources: Surface Mining

Crane Creek 0.0 to 5.4 (5.4 mi)

Into South Fork Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation

Crystal Creek 0.0 to 2.3 (2.3 mi)

Into Kentucky River

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Landfills **Boyle County**

Breathitt County

Clay County

Clay County

Lee County

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Specific Conductance Suspected Sources: Mountaintop Mining: Surface Mining

Pollutant: **Total Dissolved Solids** Suspected Sources: Mountaintop Mining; Surface Mining

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

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

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

A-10

Kentucky Basin Unit Kentucky River Basin **Rivers**

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

Operations); Managed Pasture Grazing

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

Fayette County

Knott County

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

Leslie County

Scott County

Into Carr Creek Reservoir

Cutshin Creek 9.7 to 10.7 (1 mi)

Into Middle Fork Kentucky River

David Fork 0.0 to 1.65 (1.65 mi)

Pollutant:

Into North Elkhorn Creek

Pollutant:

Public Notice During 2012.

Defeated Creek 0.5 to 1.6 (1.1 mi)

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Minina

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Escherichia coli

Sedimentation/Siltation

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Selenium

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

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

East Fork Otter Creek 0.0 to 2.7 (2.7 mi)

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Crop Production (Crop Land or Dry Land); Managed Pasture Grazing

Planning Commission to conduct an urban water quality demonstration project on land use BMP decision

KDOW awarded \$158,500 Section 319(h) Grant funds (FFY2004) to the Georgetown/Scott County

Kentucky Basin Unit Kentucky River Basin **Rivers**

Duck Fork 0.0 to 4.8 (4.8 mi)

processes in the Dry Run watershed.

Into Sturgeon Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Cause Unknown Pollutant: Suspected Sources: Source Unknown

Eagle Creek 31.6 to 36.5 (4.9 mi)

Into Kentucky River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Managed Pasture Grazing

Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Managed Pasture Grazing

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

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

Eagle Creek 50.8 to 58.5 (7.7 mi)

Into Kentucky River

Into Kentucky River

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Grant County

Grant County

Lee County

Madison County

Kentucky River Basin Rivers

Kentucky Basin Unit

East Hickman Creek 4.1 to 10.5 (6.4 mi) Into Hickman Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater

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

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

Elk Creek 0.0 to 1.6 (1.6 mi)

Into Eagle Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

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

Elkhorn Creek 0.0 to 18.2 (18.2 mi)

Into Ohio River Impaired Use: Fish Consumption (Partial Support) Pollutant: Methylmercury Suspected Sources: Source Unknown

Flat Creek 0.0 to 7.1 (7.1 mi)

Into Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

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

Fayette County

Franklin County

Owen County

Franklin County

A-13

Kentucky Basin Unit Kentucky River Basin Rivers

Flaxpatch Branch 0.1 to 2.6 (2.5 mi)

Into Carr Fork Reservoir

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Specific Conductance

Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids Suspected Sources: Mountaintop Mining; Surface Mining

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

Frozen Creek 0.0 to 13.9 (13.9 mi)

Into North Fork Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation

Goose Creek 0.0 to 1.85 (1.8 mi)

Into Benson Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related) Pollutant: Sedimentation/Siltation

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

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

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

Goose Creek 1.85 to 4.2 (2.35 mi)

Into Benson Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations)

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

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

Shelby County

Shelby County

Breathitt County

Goose Creek 0.0 to 8.3 (8.3 mi)

Into South Fork Kentucky River

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Grapevine Creek 0.0 to 1.1 (1.1 mi)

Into North Fork Kentucky River

10 140		
Impa	aired Use: Warm Wat	er Aquatic Habitat (Nonsupport)
	Pollutant:	Sedimentation/Siltation
	Suspected Sources:	Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining
	Pollutant: Suspected Sources:	Total Dissolved Solids Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
	Pollutant: Suspected Sources:	Turbidity Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining

Hardwick Creek 0.0 to 3.2 (3.2 mi)

Into Red River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Livestock (Grazing or Feeding Operations); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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

Hatton Creek 0.0 to 4.2 (4.2 mi)

Into Red River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

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

Clay County

Perry County

Powell County

Powell County

Hawes Fork 0.0 to 4.4 (4.4	<u>mi)</u>	Breathitt County
Into Quicksand Creek		-
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Impacts from Abandoned Mine Lands (Inactive); Loss of Sand/Gravel/Rock Mining or Quarries; Silviculture Harv Modifications/Destabilization; Surface Mining	
Pollutant:	Total Dissolved Solids	
Suspected Sources:	Impacts from Abandoned Mine Lands (Inactive); Sand/or Quarries; Silviculture Harvesting; Surface Mining	Gravel/Rock Mining
Pollutant:	Turbidity	
	Impacts from Abandoned Mine Lands (Inactive); Loss of Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining	f Riparian Habitat;
Hector Branch 0.0 to 5.5 (5	<u>.5 mi)</u>	Clay County
Into Red Bird River	er Aquatic Habitat (Partial Support)	
Pollutant:	Cause Unknown	
Suspected Sources:		
Hickman Creek 0.0 to 6.0 (6	<u>5 mi)</u>	Jessamine County
Into Kentucky River		
-	er Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Livestock (Grazing or Feeding Operations); Municipal F	oint Source

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

Discharges

Hickman Creek 6.0 to 25.5 (19.5 mi)

Into Kentucky River	
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)
Pollutant:	Nutrient/Eutrophication Biological Indicators
•	Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges
	Sedimentation/Siltation Non-irrigated Crop Production

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

Holly Creek 0.0 to 6.2 (6.2 mi)

Into North Fork Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

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

Wolfe County

Jessamine County

Horse Creek 0.0 to 8.3 (8.3 mi)

Into Goose Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Surface Mining

Irishman Creek 0.0 to 4.3 (4.3 mi)

Into Carr Fork Reservoir

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Unspecified Domestic Waste

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Specific Conductance

 Suspected Sources:
 Mountaintop Mining; Surface Mining

 Pollutant:
 Total Dissolved Solids

 Suspected Sources:
 Mountaintop Mining; Surface Mining

Impaired Use: Fish Consumption (Partial Support)

Suspected Sources: Source Unknown

Pollutant:

Mercury in Fish Tissue

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

Johnson Fork 0.0 to 0.5 (0.5 mi) Into Lacy Creek	Wolfe County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Resid	dential Districts
Pollutant: Total Dissolved Solids Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); F Districts	Residential
Judy Creek 0.0 to 1.5 (1.5 mi)	Powell County
Into Red River	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown	
Pollutant: Cause Unknown Suspected Sources: Source Unknown	
Suspected Sources. Source Onknown	
Kentucky River 0.3 to 11.5 (11.2 mi)	Owen County
Into Ohio River	
Impaired Use: Fish Consumption (Nonsupport)	
Pollutant: Methylmercury	
Suspected Sources: Atmospheric Deposition - Toxics; Source Unknown	
Kentucky River 53.2 to 66.95 (13.75 mi)	Franklin County
Into Ohio River	

Clay County

Kentucky River 67.0 to 84.25 (17.25 mi) Franklin (County
Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown	
Kentucky River 99.1 to 119.9 (20.8 mi) Jessamine Into Ohio River Impaired Use: Fish Consumption (Partial Support)	County
Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown	
Kentucky River121.1 to 138.5 (17.4 mi)JessamineInto Ohio River	County
Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown	
Kentucky River 153.75 to 209.8 (56.05 mi) Jessamine (County
Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown	
Lacy Creek 0.0 to 7.25 (7.25 mi) Wolfe	County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Streambank Modifications/Destabilization; Surface Mining	
Laurel Creek 3.2 to 4.7 (1.5 mi) Clay	County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production	

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

Perry County

Leatherwood Creek 1.55 to 3.1 (1.55 mi)

Into Middle Fork of Kentucky River (Buckhorn Lake) Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Left Fork Island Creek 0.0 to 5.0 (5 mi)

Into Island Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Non-irrigated Crop Production

Left Fork Millstone Creek 1.6 to 2.9 (1.3 mi)

Into Millstone Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Sedimentation/Siltation Pollutant: Suspected Sources: Surface Mining

> Pollutant: **Total Dissolved Solids** Suspected Sources: Surface Mining

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

Suspected Sources: Surface Mining

Lick Creek 0.0 to 5.4 (5.4 mi)

Into Eagle Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat: Post-development Erosion and Sedimentation: Unspecified Urban Stormwater Pollutant: **Total Dissolved Solids**

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

Line Fork 9.1 to 11.6 (2.5 mi)

Into North Fork Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Sedimentation/Siltation Pollutant: Suspected Sources: Surface Mining

Line Fork 11.6 to 27.5 (15.9 mi)

Into Franks Creek

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized

Systems): Sewage Discharges in Unsewered Areas

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

Carroll County

Letcher County

Letcher County

Owsley County

Letcher County

Little Carr Fork 0.0 to 4.8 (4.8 mi)

Into Carr Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids Suspected Sources: Mountaintop Mining; Surface Mining

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

Little Smith Branch 0.3 to 1.4 (1.1 mi)

Into Smith Branch

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Unspecified Domestic Waste

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Mountaintop Mining; Surface Mining

Pollutant: Total Dissolved Solids Suspected Sources: Mountaintop Mining; Surface Mining

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

Little Willard Creek 0.0 to 2.5 (2.5 mi)

Into North Fork Kentucky River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Surface Mining

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

Long Fork 0.0 to 4.6 (4.6 mi)

Into Buckhorn Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Surface Mining Pollutant: Total Dissolved Solids Suspected Sources: Surface Mining **Knott County**

Perry County

Knott County

Breathitt County

Lost Creek 0.0 to 3.7 (3.7 mi)

Breathitt County

Breathitt County

Knott County

Perry County

Into Troublesome Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Lost Creek 3.7 to 8.95 (5.25 mi)

Into Troublesome Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization Pollutant: Turbidity Suspected Sources: Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization

Lotts Creek 0.4 to 1.0 (0.6 mi)

Into North Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment)

Lotts Creek 1.2 to 6.0 (4.8 mi)

Into North Fork Kentucky River

to Nc	orth Fork Kentucky Riv	/er
Imp	aired Use: Warm Water Aquatic Habitat (Nonsupport)	
	Pollutant:	Sedimentation/Siltation
	Suspected Sources:	Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization
	Pollutant: Suspected Sources:	Total Dissolved Solids Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization
	Pollutant: Suspected Sources:	Turbidity Coal Mining; Loss of Riparian Habitat; Silviculture Harvesting; Streambank Modifications/Destabilization

Lower Howard Creek 2.65 to 6.5 (3.85 mi) Into Kentucky River	Clark County		
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)			
Pollutant: Cause Unknown			
Suspected Sources: Livestock (Grazing or Feeding Operations); Source Unknown Impoundments (e.g., PI-566 NRCS Structures)	; Upstream		
Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Livestock (Grazing or Feeding Operations); Source Unknown Impoundments (e.g., PI-566 NRCS Structures)	; Upstream		
Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Livestock (Grazing or Feeding Operations); Source Unknown Impoundments (e.g., PI-566 NRCS Structures)	; Upstream		
See Chapter 4, Status of TMDLs Under Development Prior to 2012.			
The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.65 to 6.2.			
Lulbegrud Creek 0.0 to 7.3 (7.3 mi) Clark County			

Jessamine County

Scott County

Owsley County

Into Red River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Source Unknown

<u>Marble Creek 0.05 to 3.9 (3.85 mi)</u> Into Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support)

····ρ	mpaned ever traini trater riquate habitat (rantal euppert)			
	Pollutant:	Cause Unknown		
	Suspected Sources:	Source Unknown		
	Pollutant:	Sedimentation/Siltation		
	Suspected Sources:	Streambank Modifications/Destabilization		

McConnell Run 0.0 to 4.4 (4.4 mi)

Into North Elkhorn Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Managed Pasture Grazing Pollutant: Sedimentation/Siltation Suspected Sources: Managed Pasture Grazing See Chapter 4, Status of TMDLs Under Development Prior to 2012.

Meadow Creek 0.5 to 3.7 (3.2 mi)

Into South Fork Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production

Middle Fork Kentucky Rive	er 6.45 to 12.6 (6.15 mi)	Lee County
Into Kentucky River		
	ontact Recreation Water (Partial Support)	
Pollutant:	Escherichia coli	
Suspected Sources:	Agriculture; Loss of Riparian Habitat	
Middle Fork, Kentucky Riv	<u>er 61.5 to 64.2 (2.7 mi)</u>	Leslie County
Into Kentucky River		
	ontact Recreation Water (Nonsupport)	
Pollutant:	Fecal Coliform	
Suspected Sources:	Source Unknown	
Impaired Use: Secondary	Contact Recreation Water (Nonsupport)	
Pollutant:	Fecal Coliform	
Suspected Sources:	Source Unknown	
Middle Fork of Kentucky R	iver 67.9 to 74.6 (6.7 mi)	Leslie County
Into Kentucky River		-
Impaired Use: Primary Co	ontact Recreation Water (Partial Support)	
Pollutant:	Fecal Coliform	
Suspected Sources:	Source Unknown	
Impaired Use: Warm Wat	ter Aquatic Habitat (Partial Support)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Agriculture; Loss of Riparian Habitat; Non-irrigated Crop Pr Rangeland Grazing	oduction;
Pollutant:	Total Dissolved Solids	
Suspected Sources:	Petroleum/Natural Gas Activities; Reclamation of Inactive Mining	lining; Surface
The river miles for this segm segment was formerly 67.0 t	ent have been changed to reflect the National Hydrography o 73.4.	Data Set. This
Mill Creek 0.0 to 3.3 (3.3 m	<u>ii)</u>	Letcher County
Into Rockhouse Creek		
	hay Aguatia Llabitat (Nagayanagut)	

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Sedimentation/Siltation

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

 Pollutant:
 Total Suspended Solids (TSS)

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

Boyle County

Mocks Branch 1.6 to 5.7 (4.1 mi)

Into Dix River (Herrington Lake) Impaired Use: Warm W ater Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization

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

Moseby Branch 0.0 to 2.2 (2.2 mi)

Into Eagle Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Muddy Creek 0.0 to 20.6 (20.6 mi)

Into Kentucky River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Livestock (Grazing or Feeding Operations)

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

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

Muncy Creek 2.7 to 4.7 (2 mi)

Into Middle Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation

Noland Creek 0.05 to 1.2 (1.15 mi)

Into Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land)

North Benson Creek 0.8 to 1.9 (1.1 mi)

 Into Benson Creek

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources:
 Agriculture

 Pollutant:
 Organic Enrichment (Sewage) Biological Indicators

 Suspected Sources:
 Agriculture

 Pollutant:
 Sedimentation/Siltation

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

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

Franklin County

Madison County

Owen County

Leslie County

Estill County

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

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

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

North Elkhorn Creek 44.75 to 66.0 (21.25 mi)

Into Elkhorn Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Specific Conductance Suspected Sources: Agriculture

North Elkhorn Creek 66.0 to 73.75 (7.75 mi)

Into Elkhorn Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources:
 Municipal Point Source Discharges

 Pollutant:
 Organic Enrichment (Sewage) Biological Indicators

 Suspected Sources: Agriculture

 Pollutant:

 Sedimentation/Siltation

Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

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

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

Into North Benson Creek		
Impaired Use: Warm Water Aquatic Habitat (Partial Support)		
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Agriculture; Loss of Riparian Habitat; Post-development Erosion and Sedimentation	
	Sedimentation/Siltation Agriculture; Loss of Riparian Habitat; Post-development Erosion and Sedimentation	

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

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

Fayette County

Fayette County

Franklin County

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

North Fork Kentucky River 147.9 to 162.0 (14.1 mi)

North Fork Kentucky River 145.5 to 147.9 (2.4 mi)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Sewers

Sedimentation/Siltation

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

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

Hydromodification; Non-irrigated Crop Production: Urban Runoff/Storm

Paint Lick Creek 0.0 to 7.5 (7.5 mi)

Into Kentucky River Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform Suspected Sources: Livestock (Grazing or Feeding Operations)

Plum Branch 0.0 to 3.9 (3.9 mi)

Into Red River

Into Kentucky River

Into Kentucky River

Pollutant:

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

Polls Creek 0.0 to 4.7 (4.7 mi)

Into Cutshin Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Potter Fork 0.0 to 4.4 (4.4 mi)

Into Boone Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized

Systems)

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

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

Kentucky Basin Unit Kentucky River Basin Rivers

Letcher County

Letcher County

Powell County

Leslie County

Letcher County

Garrard County

Puncheon Camp Creek 0.0 to 3.5 (3.5 mi)

Into Middle Fork Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

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

Quicksand Creek 0.0 to 17.0 (17 mi)

Into North Fork Kentucky River

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

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

Quicksand Creek 21.7 to 30.8 (9.1 mi)

Into North Fork Kentucky River		
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)		
Pollutant:	Sedimentation/Siltation	
	Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/Destabilization; Surface Mining	
Suspected Sources:	Total Dissolved Solids Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/Destabilization; Surface Mining	
Suspected Sources:	Turbidity Coal Mining; Habitat Modification - Other than Hydromodification; Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Silviculture Activities; Streambank Modifications/Destabilization; Surface Mining	

Rattlesnake Creek 0.0 to 1.2 (1.2 mi)

Into Eagle Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Breathitt County

Breathitt County

Breathitt County

Grant County

Red Bird River 0.0 to 15.3 (15.3 mi)

Into Kentucky River Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform Suspected Sources: Agriculture

Red Lick Creek 0.0 to 5.0 (5 mi)

Into Kentucky River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

Red River 64.1 to 67.6 (3.5 mi)

Into Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

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

Red River 70.0 to 83.9 (13.9 mi)

Into Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Managed Pasture Grazing

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

Red River 89.5 to 93.4 (3.9 mi)

Into Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land)

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

Wolfe County

Wolfe County

Clay County

Estill County

Wolfe County

Richland Creek0.0 to 0.8 (0.8 mi)Into Eagle CreekImpaired Use: Warm Water Aquatic Habitat (PPollutant:Sedimentation/SiltatSuspected Sources: Specialty Crop Product	ion	
See Chapter 4, Status of TMDLs Under Developn	nent Prior to 2012.	
Right Fork Lacy Creek0.0 to 2.2 (2.2 mi)Into Lacy CreekImpaired Use: Warm Water Aquatic Habitat (PPollutant:Sedimentation/SiltatSuspected Sources: Crop Production (Creation)	ion	
Right Fork Millstone Creek0.0 to 1.6 (1.6 mi)Into Left Fork Millstone CreekImpaired Use: Warm Water Aquatic Habitat (NPollutant:Suspected Sources: Surface Mining		
Pollutant: Total Dissolved Solid Suspected Sources: Surface Mining	ds	
Rockhouse Creek 0.0 to 3.6 (3.6 mi) Letcher Count Into North Fork Kentucky River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Loss of Riparian Habitat; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		
Sand/Gravel/Rock M		
	ds oned Mine Lands (Inactive); Sand/Gravel/Rock Mining ure Harvesting; Surface Mining	
Sand/Gravel/Rock M	oned Mine Lands (Inactive); Loss of Riparian Habitat; lining or Quarries; Streambank pilization; Surface Mining	

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

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land)

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

Into Sixmile Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Sedimentation/Siltation Pollutant: Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

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

Sand Lick Fork 0.0 to 5.3 (5.3 mi)

Rose Fork 0.0 to 3.1 (3.1 mi)

Pollutant:

Into Red River

Into North Elkhorn Creek Impaired Use: (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

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

Sexton Creek 0.1 to 17.2 (17.1 mi)

Into Goose Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related)

Silver Creek 11.1 to 29.8 (18.7 mi)

Into Kentucky River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Post-development Erosion and Sedimentation

Smith Branch 0.7 to 2.5 (1.8 mi)

Into Carr Fork (Carr Fork Reservoir) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Mountaintop Mining; Surface Mining

> Pollutant: **Total Dissolved Solids** Suspected Sources: Mountaintop Mining; Surface Mining

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

Kentucky Basin Unit Kentucky River Basin Rivers

Knott County

Madison County

Powell County

Clay County

Henry County

Wolfe County

Into Lulbegrud Creek	<u></u>	· · · · · · · · · · · · · · · · · · ·	
0	ter Aquatic Habitat (Partial Support)		
Pollutant:	Sedimentation/Siltation		
Suspected Sources:	Loss of Riparian Habitat; Managed Pasture Grazing; Post- Erosion and Sedimentation	development	
South Elkhorn Creek 5.05	<u>to 16.6 (11.55 mi)</u>	Franklin County	
	ontact Recreation Water (Nonsupport)		
Pollutant:	Fecal Coliform		
Suspected Sources:	Agriculture; Managed Pasture Grazing; Manure Runoff; Mu Source Discharges; Urban Runoff/Storm Sewers	unicipal Point	
Impaired Use: Warm Wat	Impaired Use: Warm Water Aquatic Habitat (Partial Support)		
Pollutant:	Chlorine		
Suspected Sources:	Municipal Point Source Discharges; Package Plant or Othe Small Flows Discharges	er Permitted	
Pollutant:	Sedimentation/Siltation		
Suspected Sources:	Erosion from Derelict Land (Barren Land); Loss of Riparian Managed Pasture Grazing; Non-irrigated Crop Production; Resuspension (Clean Sediment)		
Pollutant: Suspected Sources:	Total Dissolved Solids Erosion from Derelict Land (Barren Land); Loss of Riparian Municipal Point Source Discharges; Package Plant or Othe Small Flows Discharges		

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

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

South Elkhorn Creek 16.6 to 34.5 (17.9 mi)

Snow Creek 0.0 to 3.9 (3.9 mi)

Woodford County

Into Elkhorn Creek		
Impaired Use: Primary Co	ontact Recreation Water (Nonsupport)	
Pollutant:	Fecal Coliform	
Suspected Sources:	Agriculture; Livestock (Grazing or Feeding Operations); Managed Pasture Grazing; Manure Runoff; Municipal Point Source Discharges; Urban Runoff/Storm Sewers	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)		
Pollutant:	Chlorine	
Suspected Sources:	Municipal Point Source Discharges	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:		
Pollutant:	Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources:	Municipal Point Source Discharges; Urban Runoff/Storm Sewers	
Pollutant:	Sedimentation/Siltation	
Suspected Sources: Pollutant: Suspected Sources: Pollutant: Suspected Sources:	Municipal Point Source Discharges Nutrient/Eutrophication Biological Indicators Agriculture Organic Enrichment (Sewage) Biological Indicators Municipal Point Source Discharges; Urban Runoff/Storm Sewers	

Woodford County

Pollutant: Total Dissolved Solids

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

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

South Elkhorn Creek 34.5 to 52.7 (18.2 mi)

Into Elkhorn Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Fecal Coliform Pollutant: Suspected Sources: Source Unknown Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Chlorine Suspected Sources: Source Unknown Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Loss of Riparian Habitat; Source Unknown Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Loss of Riparian Habitat; Source Unknown Sedimentation/Siltation Pollutant: Suspected Sources: Habitat Modification - Other than Hydromodification; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat Pollutant: **Total Dissolved Solids** Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

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

South Fork Kentucky Rive	Owsley County	
Impaired Use: Primary Contact Recreation Water (Nonsupport)		
Pollutant:	Escherichia coli	
Suspected Sources: Source Unknown		
South Fork Quicksand Creek 0.0 to 16.9 (16.9 mi) Breathitt County		
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)		
Pollutant:	Sedimentation/Siltation	
Suspected Sources: Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining		oduction Activities
Pollutant:	Total Dissolved Solids	

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

Spears Creek 1.0 to 6.2 (5.2 mi)

Boyle County

Breathitt County

Into Herrington Lake (Mocks Branch)

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown		Cause Unknown
		Source Unknown
	Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators Managed Pasture Grazing
	Pollutant: Suspected Sources:	Sedimentation/Siltation Loss of Riparian Habitat; Managed Pasture Grazing; Streambank Modifications/Destabilization

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

Spring Fork 3.1 to 6.9 (3.8 mi)

Into Quicksand Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Sedimentation/Siltation Pollutant: Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining Pollutant: **Total Dissolved Solids** Suspected Sources: Impacts from Abandoned Mine Lands (Inactive): Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining Pollutant: Turbidity Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining Perry County

Squabble Creek 0.0 to 4.7 (4.7 mi)

Into Middle Fork Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Site Clearance (Land Development or Redevelopment); Surface Mining **Total Dissolved Solids** Pollutant: Suspected Sources: Site Clearance (Land Development or Redevelopment); Surface Mining

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

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture; Manure Runoff

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Sedimentation/Siltation

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture; Manure Runoff

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

Stevens Creek 14.4 to 17.1 (2.7 mi)

Station Camp Creek 0.0 to 21.3 (21.3 mi)

Into Kentuckv River

Pollutant:

Into South Elkhorn Creek

Steeles Run 0.0 to 5.1 (5.1 mi)

Into Eagle Creek

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources:
 Managed Pasture Grazing

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Managed Pasture Grazing

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

Stillwater Creek 0.0 to 3.5 (3.5 mi)

Into Red River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Loss of Riparian Habitat; Surface Mining

Stinnett Creek 1.3 to 4.7 (3.4 mi)

Into Middle Fork Kentucky River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Residential Districts; Site Clearance (Land Development or Redevelopment)

Sturgeon Creek 8.0 to 12.2 (4.2 mi)

Into Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining

Kentucky Basin Unit Kentucky River Basin Rivers

Fayette County

Jackson County

Leslie County

Wolfe County

Owen County

Lee County

Sugar Creek 4.8 to 6.0 (1.2 mi)

Into Kentucky River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Total Dissolved Solids Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related)

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

Sulphur Creek 0.0 to 1.4 (1.4 mi)

Into Drennon Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

Swift Camp Creek 0.0 to 13.95 (13.95 mi)

Into Red River of Kentucky River Impaired Use: Cold Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

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

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

Tate Creek 0.0 to 6.5 (6.5 mi)

Into Kentucky River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges

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

Garrard County

Wolfe County

Madison County

Henry County

Ten Mile Creek 0.0 to 3.0 (3 mi)

Into Eagle Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Pollutant: Oxygen, Dissolved Suspected Sources: Source Unknown

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

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

Three Forks Creek 0.0 to 7.6 (7.6 mi)

Into Eagle Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Source Unknown

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

Town Branch 0.0 to 9.2 (9.2 mi)

Into South Elkhorn Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Municipal Point Source Discharges; Urban Runoff/Storm

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

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

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

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

Grant County

Grant County

Fayette County

Town Branch 9.2 to 10.8 (Into South Elkhorn Creek		Fayette County
	ontact Recreation Water (Nonsupport)	
Pollutant:	Fecal Coliform	
Suspected Sources:	Municipal Point Source Discharges; Urban Runoff/Storm Se	ewers
	ter Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Loss of Riparian Habitat; Municipal (Urbanized High Densit Point Source Discharges); Urban Runoff/Storm Sewers	y Area; Municipal
Pollutant:	Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources:	Loss of Riparian Habitat; Municipal Point Source Discharge Runoff/Storm Sewers	s; Urban
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Loss of Riparian Habitat; Municipal (Urbanized High Densit	y Area)
Pollutant:	Specific Conductance	
Suspected Sources:	Loss of Riparian Habitat; Municipal (Urbanized High Densit Municipal Point Source Discharges	y Area);

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

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

Town Branch 10.8 to 12.1 (1.3 mi)

Fayette County

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

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

KDOW awarded \$194,391 Section 319(h) Grant funds (FFY 2009) to LFUCG to work with the Friends of Wolf Run to develop a Watershed Plan for the Wolf Run watershed.

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

Trace Fork 1.25 to 3.4 (2.15 mi)

Knott County

Breathitt County

Into Carr Fork Reservoir Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Unspecified Domestic Waste

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Mountaintop Mining; Surface Mining Pollutant: **Total Dissolved Solids** Suspected Sources: Mountaintop Mining: Surface Mining

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

Troublesome Creek 0.0 to 45.1 (45.1 mi)

Into North Fork Kentucky River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Coal Mining; Municipal Point Source Discharges Pollutant: Specific Conductance Suspected Sources: Coal Mining: Municipal Point Source Discharges: Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted) Pollutant: **Total Dissolved Solids** Suspected Sources: Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities Pollutant: Turbidity Suspected Sources: Coal Mining; Municipal Point Source Discharges; Petroleum/Natural Gas Activities Wolfe County

Upper Devil Creek 0.0 to 1.0 (1 mi)

Into North Fork Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Inappropriate Waste Disposal; Reclamation of Inactive Mining; Silviculture Activities; Surface Mining

Upper Howard Creek 0.0 to 3.2 (3.2 mi)Into Kentucky RiverImpaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Cause UnknownSuspected Sources: Source Unknown	Clark County
Pollutant: Sedimentation/Siltation Suspected Sources: Rangeland Grazing	
Upper Jacks Creek 0.0 to 2.2 (2.2 mi)Into Red Bird RiverImpaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Cause UnknownSuspected Sources: Source Unknown	Clay County
Upper Twin Creek0.0 to 3.6 (3.6 mi)Into Middle Fork Kentucky RiverImpaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Cause UnknownSuspected Sources: Source Unknown	Breathitt County
UT of East Hickman Creek0.8 to 2.2 (1.4 mi)Into East Hickman CreekImpaired Use: Primary Contact Recreation Water (Nonsupport)Pollutant:Fecal ColiformSuspected Sources: Urban Runoff/Storm Sewers	Fayette County
See Chapter 4, Status of TMDLs Under Development Prior to 2012. <u>UT to Cane Run 0.0 to 2.1 (2.1 mi)</u> Into Cane Run Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Phosphorus (Total) Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Urban Stormwater	Fayette County
KDOW awarded \$1,120,907 Section 319(h) Grant funds (FFY2006 & 2008) to the Universito develop and implement a Watershed Plan for the Cane Run watershed. The Universite with the Cane Run Watershed Council, is working to implement the Plan in the upper has watershed.	ity in cooperation
See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TME Public Notice During 2012.	DLs Planned for
UT to Cane Run 0.0 to 2.4 (2.4 mi)	Fayette County

 Into Cane Run

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Nitrogen (Total)

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

 Pollutant:
 Phosphorus (Total)

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

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

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

UT to Cane Run 0.0 to 3.5 (3.5 mi)

Scott County

Perry County

Fayette County

Into Cane Run	
Impaired Use: Primary C	ontact Recreation Water (Nonsupport)
Pollutant:	Fecal Coliform
Suspected Sources:	Livestock (Grazing or Feeding Operations)
Impaired Use: Warm Wa	ter Aquatic Habitat (Nonsupport)
Pollutant:	Nitrogen (Total)
Suspected Sources:	Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges
Pollutant:	Phosphorus (Total)
Suspected Sources:	Managed Pasture Grazing; Non-irrigated Crop Production; Package Plant or Other Permitted Small Flows Discharges

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

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

UT to Engle Fork 0.0 to 0.5 (0.5 mi)

Into Engle Fork	
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)
Pollutant:	Sedimentation/Siltation
Suspected Sources:	Channelization; Loss of Riparian Habitat; Surface Mining
Pollutant:	Temperature, water
Suspected Sources:	Channelization; Loss of Riparian Habitat; Surface Mining
Pollutant:	Total Dissolved Solids
Suspected Sources:	Surface Mining

UT to N. Elkhorn Creek 0.0 to 5.6 (5.6 mi)

Into North Elkhorn Creek	
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	Managed Pasture Grazing
	Sedimentation/Siltation Loss of Riparian Habitat; Managed Pasture Grazing; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization
Pollutant: Suspected Sources:	Total Dissolved Solids Managed Pasture Grazing

UT to North Branch Lulbegrud Creek 0.0 to 2.2 (2.2 mi)

Into North Branch Lulbearud Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

UT to North Elkhorn Creek 0.0 to 3.5 (3.5 mi)

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

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

UT to Smith Fork 0.0 to 0.55 (0.55 mi)

Into Smith Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Surface Mining

UT to Swift Camp Creek 0.0 to 1.5 (1.5 mi)

Into Swift Camp Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat: Post-development Erosion and Sedimentation; Septage Disposal

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

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

Wolfe County

Madison County

Fayette County

Montgomery County

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

West Fork Mill Creek 0.0 to 1.0 (1 mi)

UT to Trace Fork 0.05 to 0.7 (0.7 mi)

Into Trace Fork

Pollutant:

Public Notice During 2012.

Into Mill Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat: Streambank Modifications/Destabilization: Unspecified Urban Stormwater

West Hickman Creek 0.0 to 3.1 (3.1 mi)

Into Hickman Creek Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Unspecified Urban Stormwater

Impaired Use: Primary Contact Recreation Water (Partial Support)

Escherichia coli

Suspected Sources: Unspecified Domestic Waste

Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

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

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

West Hickman Creek 3.1 to 8.4 (5.3 mi)

Into Hickman Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Residential Districts: Unspecified Urban Stormwater Organic Enrichment (Sewage) Biological Indicators Pollutant: Suspected Sources: Residential Districts; Unspecified Urban Stormwater Sedimentation/Siltation Pollutant:

Suspected Sources: Unspecified Urban Stormwater

Pollutant: Specific Conductance Suspected Sources: Residential Districts

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

Kentucky Basin Unit Kentucky River Basin **Rivers**

Carroll County

Knott County

Fayette County

Jessamine County

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

White Lick Creek 0.0 to 2.8 (2.8 mi)

Into Paint Lick Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Total Suspended Solids (TSS) Pollutant: Suspected Sources: Non-irrigated Crop Production; Specialty Crop Production

White Oak Creek 0.0 to 2.8 (2.8 mi) **Garrard County**

Into Dix River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Managed Pasture Grazing; Municipal Point Source Discharges Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing Pollutant: **Total Dissolved Solids** Suspected Sources: Loss of Riparian Habitat: Managed Pasture Grazing: Municipal Point Source Discharges

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

Wolf Run 0.0 to 4.4 (4.4 mi)

Into Town Branch

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: **Fecal Coliform** Suspected Sources: Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Channelization: Loss of Riparian Habitat: Unspecified Urban Stormwater: Urban Runoff/Storm Sewers

Pollutant: Specific Conductance Suspected Sources: Channelization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

KDOW awarded \$314.114 Section 319(h) Grant funds (FFY2003) to the Lexington-Favette Urban County Government (LFUCG) to restore the McConnell Springs stormwater guality wetland pond. More recently KDOW awarded \$194.391 Section 319(h) Grant funds (FFY 2009) to LFUCG to work with the Friends of Wolf Run to develop a Watershed Plan for the Wolf Run watershed.

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

Wooten Creek 0.0 to 3.0 (3 mi)

Into Cutshin Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Garrard County

Fayette County

Leslie County

A.2 Kentucky River Basin Springs

Royal Spring 0.0 to 0.7 (0.7 mi)

Scott County

Into North Elkhorn Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nitrogen (Total) Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater Pollutant: Phosphorus (Total) Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater

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

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

Kentucky Basin Unit Kentucky River Basin Freshwater Reservoirs

A.3 Kentucky River Basin Freshwater Reservoirs

Boltz Lake (92 acres) Into Arnolds Creek	Grant County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Unspecified Urban Stormwater	
Pollutant: Oxygen, Dissolved Suspected Sources: Agriculture; Unspecified Urban Stormwater	
Bullock Pen Lake (134 acres) Into Bullock Pen Creek	Grant County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Decentralized Systems)	d Similar
Pollutant: Oxygen, Dissolved Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Decentralized Systems)	d Similar
<u>Carr Fork Reservoir (710 acres)</u> Into Carr Fork of North Fork Kentucky River	Knott County
Impaired Use: Fish Consumption (Partial Support)	
Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown	
<u>Cedar Creek Lake (784 acres)</u> Into Cedar Creek	Lincoln County
Impaired Use: Fish Consumption (Partial Support)	
Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown	
Elmer Davis Lake (149 acres) Into North Severn Creek	Owen County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture	
Pollutant: Oxygen, Dissolved Suspected Sources: Agriculture	

Kentucky Basin Unit Kentucky River Basin Freshwater Reservoirs

Herrington Lake (2940 acres)

Garrard County

Into Dix River

Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	Internal Nutrient Recycling; Municipal Point Source Discharges; Non-
	irrigated Crop Production; On-site Treatment Systems (Septic Systems and
	Similar Decentralized Systems)

Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Internal Nutrient Recycling; Municipal Point Source Discharges; Nonirrigated Crop Production; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

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

KDOW utilized \$342,800 Section 319(h) Grant funds (FFY2002) to develop Watershed Based Plans for the Clark's Run and Hanging Fork watersheds. In FFY2010, KDOW awarded \$200,460 Section 319(h) Grant funds to the City of Danville to work with the Dix River Watershed Council to implement the Plan. KDOW awarded \$194,400 Section 319(h) Grant funds (FFY2011) to the Lincoln and Boyle County Conservation Districts for implementation of agricultural practices outlined in the Plan.

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

Dissolved oxygen was mistakenly identified as a pollutant on the 2010 303(d) list. This has been corrected to Organic Enrichment (Sewage) Biological Indicators.

Lake Reba (78 acres) Madison County

Into Muddy Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Golf Courses; Unspecified Urban Stormwater

Pollutant: Oxygen, Dissolved Suspected Sources: Golf Courses; Unspecified Urban Stormwater

Wilgreen Lake (169 acres)		Madison County
Into Taylor Fork of Silver Cre	ek	•
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
	Livestock (Grazing or Feeding Operations); Non-irrigated C On-site Treatment Systems (Septic Systems and Similar D Systems)	
	Oxygen, Dissolved Livestock (Grazing or Feeding Operations); Non-irrigated C On-site Treatment Systems (Septic Systems and Similar D Systems)	

The 2010 303(d) list mistakenly had Secondary Contact Recreation as an impaired use for this segment.

Appendix B. Salt/Licking Basin Unit 303(d) List: Narrative

B.1 Licking River Basin Rivers

Allison Creek 0.0 to 4.95 (4.95 mi)

Into Fleming Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Animal Feeding Operations (NPS)

Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Animal Feeding Operations (NPS)

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. Allison Creek has been a targeted watershed for coordination and funding.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.9.

Banklick Creek 0.0 to 3.45 (3.45 mi)

Into Licking River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Urban Runoff/Storm Sewers

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

Pollutant: Sedimentation/Siltation

Suspected Sources: Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers

Sanitation District 1 (SD1) of Northern Kentucky was awarded a line-item appropriation of \$475,000 to develop and apply a Watershed Assessment Protocol to Banklick Creek. SD1 has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 provided \$70,000 for a Supplemental Environmental Project with the Licking River Watershed Watch for monitoring, sample analysis, and equipment. The Banklick Watershed Council (BWC) was awarded \$117,260 in federal 104(b)(3) grant funds to develop a watershed Action Plan. KDOW awarded \$800,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop and implement a 319(h)-compatible watershed plan. The BWC is working with multiple project partners to implement the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012. The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.5.

Fleming County

Kenton County

Banklick Creek 3.5 to 8.2 (Into Licking River	<u>4.7 mi)</u>	Kenton County
-	ontact Recreation Water (Nonsupport)	
Pollutant:	Fecal Coliform	
Suspected Sources:	Agriculture; On-site Treatment Systems (Septic Systems an Decentralized Systems)	nd Similar
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)	
Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators Agriculture	
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Similar De Systems)	ecentralized
Pollutant: Suspected Sources:	Sedimentation/Siltation Agriculture	

Sanitation District 1 (SD1) of Northern Kentucky was awarded a line-item appropriation of \$475,000 to develop and apply a Watershed Assessment Protocol to Banklick Creek. SD1 has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 provided \$70,000 for a Supplemental Environmental Project with the Licking River Watershed Watch for monitoring, sample analysis, and equipment. The Banklick Watershed Council (BWC) was awarded \$117,260 in federal 104(b)(3) grant funds to develop a watershed Action Plan. KDOW awarded \$800,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop and implement a 319(h)-compatible watershed plan. The BWC is working with multiple project partners to implement the Plan.

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

Banklick Creek 8.2 to 19.2 (11 mi)

Kenton County

Into Licking River		
Impaired Use: Primary Co	ontact Recreation Water (Partial Support)	
Pollutant:	Fecal Coliform	
Suspected Sources:	Agriculture; On-site Treatment Systems (Septic Systems and Decentralized Systems)	Similar
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Agriculture	
Pollutant:	Organic Enrichment (Sewage) Biological Indicators	

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

Sanitation District 1 (SD1) of Northern Kentucky was awarded a line-item appropriation of \$475,000 to develop and apply a Watershed Assessment Protocol to Banklick Creek. SD1 has signed a Consent Decree with state and federal regulators to apply an innovative adaptive watershed management approach to addressing sewer overflows and water quality in Northern Kentucky. As part of the Consent Decree, SD1 provided \$70,000 for a Supplemental Environmental Project with the Licking River Watershed Watch for monitoring, sample analysis, and equipment. The Banklick Watershed Council (BWC) was awarded \$117,260 in federal 104(b)(3) grant funds to develop a watershed Action Plan. KDOW awarded \$800,000 Section 319(h) Grant funds (FFY2007) to the BWC to develop and implement

a 319(h)-compatible watershed plan. The BWC is working with multiple project partners to implement the Plan.

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

Beaver Creek 10.0 to 14.4 (4.4 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

Big Half Mountain Creek 0.0 to 4.0 (4 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Coal Mining; Loss of Riparian Habitat; Rural (Residential Areas) Pollutant: Specific Conductance Suspected Sources: Coal Mining; Mountaintop Mining; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Urban Runoff/Storm Sewers

Blacks Creek 0.0 to 5.7 (5.7 mi)

Into Hinkston Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

Pollutant: Sedimentation/Siltation Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012. The river miles for this segment have been changed to more accurately reflect additional upstream sampling. This segment was formerly 0.0 to 3.4.

Blackwater Creek 3.9 to 11.8 (7.9 mi)

Into Licking River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 3.8 to 11.7.

Morgan County

Bourbon County

Menifee County

Magoffin County

Boone Creek 0.0 to 5.2 (5.2 mi)

Into Hinkston Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Livestock (Grazing or Feeding Operations)

Pollutant: Sedimentation/Siltation Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the Plan.

See Chapter 4, Status of TMDLs Under Development Prior to 2012. The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.0.

Boone Creek 5.2 to 9.1 (3.9 mi)

Into Hinkston Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unrestricted Cattle Access Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown

Suspected Sources: Source Unknown

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the Plan.

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

Broadtree Fork 0.0 to 1.6 (1.6 mi)

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

Broke Leg Creek 0.0 to 1.0 (1 mi)

Into Blackwater Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Magoffin County

Morgan County

Bourbon County

Bourbon County

B-5

Salt/Licking Basin Management Unit Licking River Basin Rivers

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/Parkland; Upstream Source

Buffalo Creek 0.0 to 2.85 (2.85 mi) Magoffin County Into Lick Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source Burning Fork 0.0 to 3.3 (3.3 mi) Magoffin County Into Licking River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Sedimentation/Siltation Pollutant:

Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Urban Runoff/Storm Sewers

Burning Fork 3.3 to 7.9 (4.6 mi)

Broke Leg Creek 1.0 to 4.4 (3.4 mi)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Sedimentation/Siltation

Into Blackwater Creek

Pollutant:

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization, Coal Mining, Loss of Riparian Habitat, Non-Point Source, Rural (Residential Areas), Urban Runoff/Storm Sewers

Caney Creek 0.0 to 4.2 (4.2 mi)

Into Licking River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

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

 Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank

 Modifications/Destabilization; Surface Mining

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

Magoffin County

Morgan County

Morgan County

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Cause Unknown Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation Suspected Sources: Non-irrigated Crop Production

KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University (MSU) and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed. MSU is working with multiple project partners to implement the Plan.

Clarks Run 0.0 to 2.1 (2.1 mi)

Into North Fork Licking River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Sedimentation/Siltation Pollutant: Suspected Sources: Crop Production (Crop Land or Dry Land)

Coffee Creek 0.0 to 4.1 (4.1 mi)

Into Williams Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Streambank Modifications/Destabilization

Cooper Run 0.0 to 10.15 (10.15 mi)

Into Stoner Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Escherichia coli Pollutant: Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Livestock (Grazing or Feeding Operations)

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 10.1.

Salt/Licking Basin Management Unit Licking River Basin Rivers

Caskey Fork 0.0 to 2.3 (2.3 mi)

Into Grassv Fork Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Christy Creek 0.0 to 4.3 (4.3 mi)

Into Triplett Creek

Pollutant:

Mason County

Bourbon County

Rowan County

Morgan County

Morgan County

Craintown Branch 0.0 to 3.6 (3.6 mi)

Into Fleming Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Phosphorus (Total) Suspected Sources: Animal Feeding Operations (NPS)

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed.

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

Crane Creek 0.0 to 2.9 (2.9 mi)

Into Fox Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization

Crooked Creek 0.0 to 9.1 (9.1 mi)

Into Licking River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Cruises Creek 0.0 to 8.7 (8.7 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Doty Branch 0.0 to 2.3 (2.3 mi)

Into Fleming Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Animal Feeding Operations (NPS)

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed.

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

Fleming County

Kenton County

Nicholas County

Fleming County

Fleming County

Dry Creek 0.0 to 2.5 (2.5 mi) Into Triplett Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)			
	Pollutant:	Nutrient/Eutrophication Biological Indicators	
	Suspected Sources:	Urban Runoff/Storm Sewers	
	Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Urban Runoff/Storm Sewers	
	Pollutant: Suspected Sources:	Sedimentation/Siltation Highway/Road/Bridge Runoff (Non-construction Related); Urban Runoff/Storm Sewers	

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Dry Creek watershed. KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University (MSU) and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed. MSU is working with multiple project partners to implement the Plan.

Elk Fork 0.0 to 4.9 (4.9 mi)

Into Licking River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification; Silviculture

 Activities

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

Elk Fork 4.9 to 10.5 (5.6 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining Pollutant: Turbidity Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank

Modifications/Destabilization; Surface Mining

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

Rowan County

Morgan County

Morgan County

Elk Fork 12.6 to 14.7 (2.1 r	<u>ni)</u>	Morgan County	
5	Into Licking River Impaired Use: Warm Water Aquatic Habitat (Partial Support)		
Pollutant:	Sedimentation/Siltation		
Suspected Sources:	Impacts from Abandoned Mine Lands (Inactive); Loss of F Sand/Gravel/Rock Mining or Quarries; Silviculture Harves Modifications/Destabilization; Surface Mining		
Pollutant:	Turbidity		
Suspected Sources:	Impacts from Abandoned Mine Lands (Inactive); Loss of F Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining	Riparian Habitat;	
See Chapter 4, Status of TM	IDLs Under Development Prior to 2012.		
Fannins Branch 1.5 to 3.4	<u>(1.9 mi)</u>	Morgan County	
	ter Aquatic Habitat (Partial Support)		
Pollutant:	Sedimentation/Siltation		
Suspected Sources:	Crop Production (Crop Land or Dry Land)		
Flat Creek 0.0 to 0.9 (0.9 m	ni)	Bath County	
Into Licking River		· · · · · · · · · · · · · · · · · · ·	
Impaired Use: Primary C	ontact Recreation Water (Nonsupport)		
Pollutant:	Fecal Coliform		
Suspected Sources:	Source Unknown		
Flat Run 0.0 to 2.2 (2.2 mi) Bourbon County			
Into Stoner Creek			
	antest Descention Weter (Neneumant)		
Dellutent	ontact Recreation Water (Nonsupport)		
Pollutant:	Escherichia coli	took (Grazing or	
Suspected Sources: Impaired Use: Warm Wa	Escherichia coli Agriculture; Grazing in Riparian or Shoreline Zones; Lives Feeding Operations); Non-Point Source; Unrestricted Catt ater Aquatic Habitat (Partial Support)		
Suspected Sources: Impaired Use: Warm Wa Pollutant:	Escherichia coli Agriculture; Grazing in Riparian or Shoreline Zones; Lives Feeding Operations); Non-Point Source; Unrestricted Catt ater Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators	le Access	
Suspected Sources: Impaired Use: Warm Wa Pollutant:	Escherichia coli Agriculture; Grazing in Riparian or Shoreline Zones; Lives Feeding Operations); Non-Point Source; Unrestricted Catt ater Aquatic Habitat (Partial Support)	le Access	

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source

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

Flat Run 2.2 to 9.05 (6.85 mi)

Into Stoner Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations): Non-Point Source: Unrestricted Cattle Access

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Pollutant:

Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source

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

Fleming Creek 12.8 to 16.0 (3.2 mi)

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Stockton Creek watershed, a direct tributary to Fleming Creek. KDOW awarded \$299,700 Section 319(h) Grant funds (FFY2009) to the Fleming County Conservation District to implement best management practices outlined in the Town Branch (locally known as Stockton Creek) Watershed Plan. In 2009, KDOW awarded \$303,900 Section 319(h) Grant funds to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

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

Fleming Creek 20.8 to 39.4 (18.6 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Animal Feeding Operations (NPS) Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Urban Runoff/Storm Sewers Phosphorus (Total) Pollutant:

Suspected Sources: Animal Feeding Operations (NPS); Urban Runoff/Storm Sewers

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Stockton Creek watershed, a direct tributary to Fleming Creek. KDOW awarded \$299.700 Section 319(h) Grant funds (FFY2009) to the Fleming County Conservation District to implement best management practices outlined in the Town Branch (locally known as Stockton Creek) Watershed Plan. In 2009. KDOW awarded \$303.900 Section 319(h) Grant funds to the KY Division of

Bourbon County

Fleming County

Fleming County

Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

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

Fleming Creek 0.0 to 12.8 (12.8 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Animal Feeding Operations (NPS) Phosphorus (Total) Pollutant:

Suspected Sources: Animal Feeding Operations (NPS)

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Stockton Creek watershed, a direct tributary to Fleming Creek. KDOW awarded \$299,700 Section 319(h) Grant funds (FFY2009) to the Fleming County Conservation District to implement best management practices outlined in the Town Branch (locally known as Stockton Creek) Watershed Plan. In 2009, KDOW awarded \$303,900 Section 319(h) Grant funds to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

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

Fox Creek 0.0 to 10.1 (10.1 mi)

Into Licking River Impaired Use: Primary Contact Recreation Water (Partial Support) Fecal Coliform Pollutant: Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Grazing in Riparian or Shoreline Zones; Natural Sources

Fox Creek 10.1 to 16.0 (5.9 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Cause Unknown Pollutant: Suspected Sources: Source Unknown

Fleming County

Fleming County

Fleming County

Into Licking River		
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Dredging (e.g., for Navigation Channels); Natural Sources; Activities	Silviculture
Pollutant: Suspected Sources:	Sedimentation/Siltation Dredging (e.g., for Navigation Channels); Natural Sources; Harvesting	Silviculture
<u>Grassy Creek 4.6 to 10.0 (5.4 mi)</u> Into Licking River Impaired Use: Warm Water Aquatic Habitat (Partial Support)		Morgan County
	in Adams Habitat (Farital Support)	

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Source Unknown

Sedimentation/Siltation Pollutant: Suspected Sources: Crop Production (Crop Land or Dry Land)

Green Creek 0.0 to 8.15 (8.15 mi)

Fox Creek 20.1 to 22.7 (2.6 mi)

Into Strodes Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Specific Conductance Pollutant: Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Non-Point Source

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

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

Green Creek 8.45 to 9.7 (1.25 mi)

Into Strodes Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Specific Conductance Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

KDOW awarded \$680.034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek.

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

Fleming County

Bourbon County

Clark County

Hancock Creek 4.3 to 7.6 (3.3 mi)

Into Strodes Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Golf Courses; Non-Point Source; Residential Districts; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance Suspected Sources: Agriculture; Golf Courses; Non-Point Source; Urban Runoff/Storm Sewers

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

Pollutant: pH Suspected Sources: Source Unknown

KDOW awarded \$680,034 Section 319(h) Grant funds (FFY2004) to the City of Winchester to implement on-site wastewater and agricultural BMPs in an effort to restore the water quality of Strodes Creek. KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance (KWA) to develop a Watershed Based Plan for the Hancock Creek watershed. In 2010, KDOW awarded Section 319(h) Grant funds (FFY2007) to the City of Winchester, to work with the Strodes Creek Conservancy and other project partners to implement the Plan.

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

Hinkston Creek 0.0 to 12.6 (12.6 mi) Bourbon County

Into South Fork Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the plan.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Hinkston Creek 20.8 to 31.0 (10.2 mi)

Bourbon County

Into South Fork Licking River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Livestock (Grazing or Feeding Operations)

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the plan.

Clark County

Hinkston Creek 41.8 to 49.1 (7.3 mi)

Bourbon County

Montgomery County

Into South Fork Licking River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the plan.

Hinkston Creek 51.5 to 65.9 (14.4 mi)

Into South Fork Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Grazing in Riparian or Shoreline Zones

Pollutant:Sedimentation/SiltationSuspected Sources:Grazing in Riparian or Shoreline Zones

KDOW awarded \$936,446 Section 319(h) Grant funds (FFY2008 & 2011) for Tetra Tech, Inc to develop and implement a Watershed Plan for the Hinkston Creek watershed. Tetra Tech is working with multiple project partners to implement the plan.

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

Hoods Creek 0.0 to 6.3 (6.3 mi)

Clark County

Into Strodes Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

 Impaired Use: Secondary Contact Recreation Water (Nonsupport)

 Pollutant:
 Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Non-Point Source

Pollutant: Specific Conductance Suspected Sources: Agriculture; Non-Point Source

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

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

Horsepen Fork 0.0 to 1.2 (1.2 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Houston Creek 0.0 to 9.0 (9 mi)

Into Stoner Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

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

Houston Creek 9.0 to 12.7 (3.7 mi)

Into Stoner Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Golf Courses

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

Howard Branch 0.0 to 2.0 (2 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Streambank Modifications/Destabilization; Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Johnson Creek 0.0 to 0.9 (0.9 mi)

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

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

Bourbon County

Magoffin County

Clark County

Magoffin County

Bourbon County

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

Johnson Creek 0.0 to 3.1 (3.1 mi)

Into Licking River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Coal Mining

Johnson Creek 6.0 to 8.6 (2.6 mi)

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:Sedimentation/SiltationSuspected Sources:Channelization; Loss of Riparian Habitat; Non-Point Source; Rural
(Residential Areas)

Kennedy Creek 0.0 to 5.7 (5.7 mi)

Into Stoner Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture; Livestock (grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

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

The river miles for this segment have been changed to reflect additional up-stream sampling. This segment was formerly 0.0 to 3.8.

Lees Creek 0.0 to 4.3 (4.3 mi)

Into North Fork Licking River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land)

Left Fork of Johnson Creek 0.0 to 3.15 (3.15 mi)

Into Johnson Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source

Magoffin County

Bourbon County

Magoffin County

Mason County

Magoffin County

<u>i)</u>
Aquatic Habitat (Nonsupport) edimentation/Siltation griculture; Channelization; Loss of Riparian H nspecified Urban Stormwater; Urban Runoff/S
<u>5 mi)</u>
act Recreation Water (Partial Support) scherichia coli unicipal (Urbanized High Density Area); Urba
have been changed to more accurately reflemently 0.0 to 4.8.
2010 303(d) report has been replaced with E

B-17

Pollutant: Sedimentation/Siltation Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries: Silviculture Harvesting: Streambank Modifications/Destabilization: Surface Mining Pollutant: Turbidity Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization: Surface Mining Lick Branch 0.0 to 2.3 (2.3 mi) Magoffin County Into Right Fork of Licking River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers Lick Creek 0.0 to 2.15 (2.15 mi) Into Licking River Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Impervious Surface/Parking Lot Runoff; Livestock (Grazing or

Feeding Operations); Loss of Riparian Habitat; Rural (Residential Areas); Unrestricted Cattle Access; Wet Weather

Lick Creek 2.15 to 4.6 (2.45 mi

Left Fork White Oak Creek 0.0 to 1.8 (1.8 mi)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Into Licking River

Into Licking River Impaired Use: Warm Water A Pollutant: Se Suspected Sources: Agi Habitat; Non-Point Source; Storm Sewers Un

Licking River 0.0 to 4.65 (4.65

Into Ohio River

Impaired Use: Primary Conta Pollutant: Esc Suspected Sources: Mu an Runoff/Storm Sewers

The river miles for this segment ect the National Hydrography Data Set. This segment was forr

Escherichia coli. The fecal coliform listing on the

Magoffin County

Campbell County

Magoffin County

Morgan County

Licking River 4.8 to 14.9 (10.1 mi)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Licking River 76.65 to 88.8 (12.15 mi)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Nonsupport) Escherichia coli Pollutant: Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Lead Suspected Sources: Source Unknown

Licking River 174.3 to 180.6 (6.3 mi)

Into Ohio River

Impaired Use: Secondary Contact Recreation Water (Partial Support) Fecal Coliform Pollutant: Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 174.4 to 180.8.

Licking River 224.1 to 241.1 (17 mi)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Nonsupport) Fecal Coliform Pollutant: Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support) Fecal Coliform Pollutant: Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 224.3 to 241.3.

Licking River 249.55 to 264.85 (15.3 mi)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Specific Conductance Suspected Sources: Source Unknown

Rowan County

Magoffin County

Morgan County

Campbell County

Harrison County

B-19

Salt/Licking Basin Management Unit Licking River Basin Rivers

Licking River 264.85 to 271.45 (6.6 mi) Into Ohio River

• • •		
Imp	aired Use: Warm Wat	er Aquatic Habitat (Partial Support)
	Pollutant:	Nutrient/Eutrophication Biological Indicators
	Suspected Sources:	Silviculture Activities; Silviculture Harvesting; Silviculture Reforestation
	Pollutant: Suspected Sources:	Sedimentation/Siltation Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers; Wet Weather Discharges (Non-Point Source)
	Pollutant: Suspected Sources:	Turbidity Silviculture Activities; Silviculture Harvesting; Silviculture Reforestation

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 265.0 to 271.6.

Licking River 271.45 to 293.95 (22.55 mi)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 271.6 to 294.1.

Licking River 293.95 to 302.2 (8.25 mi)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Surface Mining

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 294.1 to 302.4.

Little Beaver Creek 0.0 to 3.3 (3.3 mi)

Into Beaver Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land): Grazing in Biparian or Shoreline

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

Little Blackwater Creek 0.0 to 7.15 (7.15 mi)

Into Blackwater Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Magoffin County

Harrison County

Magoffin County

Magoffin County

Morgan County

Little Caney Creek 0.0 to 1.95 (1.95 mi)

Into Caney Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Little Stoner Creek 0.0 to 5.3 (5.3 mi)

Into Stoner Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

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

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

Locust Creek 0.0 to 11.8 (11.8 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land)

Logan Run 0.0 to 2.3 (2.3 mi)

Into Fleming Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture

Since 1997, KDOW has awarded over \$1.5 million Section 319(h) Grant funds (FFY1997, 1999, 2000 & 2004) to the Kentucky Division of Conservation and the Fleming County Conservation District to implement watershed restoration activities focusing on agriculture in the Fleming Creek watershed. Also in 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise for AWQA compliance.

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

Morgan County

Clark County

Fleming County

Fleming County

Long Branch 0.0 to 3.9 (3.9 mi)

Into Licking River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source: Rural (Residential Areas): Unspecified Urban Stormwater: Urban Runoff/Storm Sewers

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Coal Mining; Mountaintop Mining; Non-Point Source; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas): Unspecified Urban Stormwater: Urban Runoff/Storm Sewers

Mash Fork 0.0 to 3.0 (3 mi)

Into Horsepen Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Middle Fork of Licking River 0 to 2.5 (2.5 mi)

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Mill Creek 0.0 to 21.6 (21.6 mi)

Into South Fork Licking River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

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

Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Site Clearance (Land Development or Redevelopment)

North Fork Licking River 2.3 to 18.55 (16.25 mi)

Into Licking River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

North Fork Licking River 18.55 to 45.5 (26.95 mi)

Into Licking River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture

Bracken County

Bracken County

Magoffin County

Harrison County

Magoffin County

Magoffin County

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 18.5 to 52.5.

North Fork Licking River 8.5 to 12.3 (3.8 mi)

Into Licking River (Cave Run Lake) Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 8.4 to 12.0.

North Fork Licking River 12.3 to 13.4 (1.1 mi)

Into Licking River (Cave Run Lake) Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Upstream Source

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 12.0 to 13.1.

Oldfield Fork 0.0 to 3.6 (3.6 mi)

Into Grassy Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land)

Plum Lick Creek 0.0 to 5.9 (5.9 mi)

Into Boone Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat; Source Unknown

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

Phillips Creek 0.0 to 5.3 (5.3 mi)

Into Licking River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Pretty Run 0.0 to 8.0 (8 mi)

Into Strodes Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss

Morgan County

Morgan County

Bourbon County

Morgan County

Campbell County

Clark County

of Riparian Habitat; Non-Point Source

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

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

Prickly Ash Creek 0.0 to 3.1 (3.1 mi)

Into Slate Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture

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

Puncheon Camp Creek 0.0 to 1.15 (1.15 mi)

Into Licking River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.1.

Right Fork of Middle Fork of Licking River 3.1 to 4.6 (1.5 mi)

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

Rock Fork 0.0 to 4.0 (4 mi)

Into North Fork Triplett Creek

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

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

Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels)

KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University (MSU) and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed. MSU is working with multiple project partners to implement the Plan.

Salt Lick Creek 3.0 to 8.0 (5 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Non-irrigated Crop Production; Rangeland Grazing

Bath County

Magoffin County

Magoffin County

Rowan County

Bath County

Rowan County

Scott Creek 2.1 to 3.9 (1.8 mi) Into Licking River (Cave Run Reservoir) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Scrubgrass Creek 0.0 to 1.6 (1.6 mi)

Into Cassidy Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Slate Creek 0.0 to 13.55 (13.55 mi)

Into Licking River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

KDOW awarded \$66,000 Section 319(h) Grant funds (FFY1997) to the Gateway District Health Department to educate and implement on-site wastewater treatment alternatives in the Slate Creek Watershed. As part of the FFY1998 Section 319(h) Grant, KDOW awarded an additional \$235,000 for design and installation of a decentralized wastewater treatment facility for the community of Preston; located in the headwaters of the Slate Creek watershed. KDOW also awarded \$608,310 Section 319(h) Grant funds (FFY2003) to Tetra Tech, Inc. for straight pipe remediation and decentralized wastewater solutions for the community of Olympia in the Slate Creek watershed.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 13.6.

South Fork Licking River 11.6 to 16.95 (5.35 mi)		Pendleton County
Into Licking River		-
Impaired Use: Primary	Contact Recreation Water (Nonsupport)	
Pollutant:	Escherichia coli	
Suspected Sources: Source Unknown		
Spruce Creek 0.0 to 1.7 ((1.7 mi)	Montgomery County
Into Slate Creek		
Impaired Use: Warm W	Vater Aquatic Habitat (Partial Support)	
Pollutant:	Sedimentation/Siltation	
Suspected Source	es: Grazing in Riparian or Shoreline Zones	

Spruce Pine Fork 0.0 to 1.4 (1.4 mi)

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

Bath County

Nicholas County

Magoffin County

This segment was misidentified on the 2010 303(d) list. It was incorrectly called Left Fork of Licking River 0.0 to 1.4.

State Road Fork 0.0 to 1.4 (1.4 mi)

Magoffin County

Into Licking River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Channel Erosion/Incision from Upstream Hydromodifications; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Production Activities (Permitted); Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Pollutant: Specific Conductance Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.8.

Stinson Creek 0.0 to 3.3 (3.3 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat; Non-Point Source; Rural (Residential Areas); Unspecified Urban Stormwater; Urban Runoff/Storm Sewers

Stoner Creek 0.0 to 5.55 (5.55 mi)

Bourbon County

Bourbon County

Magoffin County

Into South Fork Licking River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.5.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Stoner Creek 5.55 to 15.0 (9.445 mi)

Into South Fork Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 5.5 to 15.0.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Stoner Creek 17.3 to 30.1 (12.8 mi)

Into South Fork Licking River

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Animal Feeding Operations; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Non-Point Source; Unrestricted Cattle Access

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

Stoner Creek 35.7 to 45.1 (9.4 mi)

Into South Fork Licking River

 Impaired Use: Primary Contact Recreation Water (Nonsupport)

 Pollutant:
 Escherichia coli

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

 Discharges; Non-Point Source; Unrestricted Cattle Access

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

Stony Creek 0.0 to 3.0 (3 mi)

Into Licking River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Straight Creek 0.0 to 1.8 (1.8 mi)

Into Elk Fork
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)
Pollutant: Sedimentation/Siltation
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat;
Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank
Modifications/Destabilization; Surface Mining
Pollutant: Turbidity
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat;
Sand/Gravel/Rock Mining or Quarries; Streambank
Modifications/Destabilization; Surface Mining

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

Nicholas County

Morgan County

Bourbon County

Bourbon County

Bourbon County

Bourbon County

Strodes Creek 2.7 to 7.9 (5.2 mi)

Strodes Creek 7.9 to 19.3 (11.4 mi)

Into Stoner Creek	
Pollutant:	ontact Recreation Water (Partial Support) Escherichia coli Agricultura: Municipal Boint Source Discharges: Non Boint Source
Suspected Sources.	Agriculture; Municipal Point Source Discharges; Non-Point Source
Pollutant: Suspected Sources:	Fecal Coliform Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater
Pollutant:	ter Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Agriculture; Municipal Point Source Discharges; Non-Point Source
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Agriculture; Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater
Pollutant: Suspected Sources:	Sedimentation/Siltation Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction)

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

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

Pollutant:	ontact Recreation Water (Nonsupport) Escherichia coli Agriculture; Municipal Point Source Discharges; Non-Point Source
Pollutant: Suspected Sources:	Fecal Coliform Agriculture; Municipal Point Source Discharges; Non-Point Source
Pollutant:	y Contact Recreation Water (Nonsupport) Fecal Coliform Agriculture; Municipal Point Source Discharges; Non-Point Source
Pollutant:	ter Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Non-Point Source
Pollutant: Suspected Sources	Organic Enrichment (Sewage) Biological Indicators Agriculture; Municipal Point Source Discharges; Non-Point Source; Unspecified Urban Stormwater
Pollutant: Suspected Sources:	Sedimentation/Siltation Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction)
Pollutant: Suspected Sources:	Specific Conductance Agriculture; Habitat Modification - Other than Hydromodification; Municipal Point Source Discharges; Non-Point Source

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

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

Strodes Creek 19.3 to 26.4 (7.1 mi)

Clark County

Into Stoner Creek	
Pollutant:	ontact Recreation Water (Nonsupport) Escherichia coli Agriculture; Municipal Point Source Discharges; Non-Point Source
Pollutant: Suspected Sources:	Fecal Coliform Agriculture; Municipal Point Source Discharges; Non-Point Source
Pollutant:	r Contact Recreation Water (Nonsupport) Fecal Coliform Agriculture; Municipal Point Source Discharges; Non-Point Source
Pollutant:	ter Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Municipal (Urbanized High Density Area); Non-Point Source; Urban Runoff/Storm Sewers
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Agriculture; Municipal (Urbanized High Density Area); Municipal Point Source Discharges; Non-Point Source; Urban Runoff/Storm Sewers

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

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

Threemile Creek 0.1 to 4.7 (4.6 mi)

Campbell County

Into Licking River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

Pollutant:Organic Enrichment (Sewage) Biological IndicatorsSuspected Sources:Sanitary Sewer Overflows (Collection System Failures)

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

Magoffin County

Trace Fork 0.0 to 3.1 (3.1 mi)

Into Licking River	
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)
Pollutant: Suspected Sources:	Sedimentation/Siltation Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank
	Modifications/Destabilization; Surface Mining
Pollutant: Suspected Sources:	Total Dissolved Solids Impacts from Abandoned Mine Lands (Inactive); Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Surface Mining
Pollutant: Suspected Sources:	Turbidity Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Streambank Modifications/Destabilization; Surface Mining
Triplett Creek 5.8 to 12.3 (6	6.5 mi) Rowan County
Into Licking River	
Impaired Use: Primary Co Pollutant:	ontact Recreation Water (Nonsupport) Fecal Coliform
Suspected Sources:	
Impaired Use: Secondary Pollutant: Suspected Sources:	Contact Recreation Water (Partial Support) Fecal Coliform Source Unknown
Impaired Use: Warm Wat Pollutant: Suspected Sources:	er Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Agriculture
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Pollutant: Suspected Sources:	Sedimentation/Siltation Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction); Impacts from Hydrostructure Flow Regulation/Modification; Municipal Point

Source Discharges

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Dry Creek watershed, a direct tributary to this impaired segment of Triplett Creek. KDOW awarded \$658,617 Section 319(h) Grant funds (FFY2008) for Morehead State University (MSU) and the Triplett Creek Committee to develop and implement a Watershed Plan for the Triplett Creek watershed. MSU is working with multiple project partners to implement the Plan.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 5.9 to 12.3.

UT of Blacks Creek 0.0 to 1.7 (1.7 mi)

Into Blacks Creek
Impaired Use: Primary Contact Recreation Water (Nonsupport)
Pollutant: Escherichia coli
Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source;
Unrestricted Cattle Access
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)
Pollutant: Nutrient/Eutrophication Biological Indicators
Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
Pollutant: Sediment/Siltation
Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access
See Chapter 4, Status of TMDLs Under Development Prior to 2012.

UT of Blacks Creek 0.0 to 2.3 (2.3 mi)

Into Blacks Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access Pollutant: Sediment/Siltation Suspected Sources: Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access

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

UT of Blanket Creek 0.0 to 0.2 (0.2 mi)

Into Blanket Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Chlorine Suspected Sources: Package Plant or Other Permitted Small Flows Discharges Pollutant: Nitrogen (Total) Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

UT of Cooper Run 0.0 to 1.0 (1.0 mi)

Into Cooper Run Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Animal Feeding Operations (NPS); Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

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

Bourbon County

Pendleton County

Bourbon County

Bourbon County

UT of Cooper Run 0.0 to 3.05 (3.05 mi)

Into Cooper Run

Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Non-Point Source

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

UT of Cooper Run 0.0 to 3.8 (3.8 mi)

Into Cooper Run

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access

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

UT of Flat Run 0.0 to 2.1 (2.1 mi)

Into Flat Run

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Non-Point Source; Unrestricted Cattle Access Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Livestock (Grazing or Feeding Operations); Non-Point Source

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

UT of Pond Creek 0.0 to 1.15 (1.15 mi)

Campbell County

Into Pond Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Chlorine

Pollutant:

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Nitrogen (Total) Pollutant:

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Bourbon County

Bourbon County

Bourbon County

<u>3.7 (3.7 mi)</u>	Clark County
er Aquatic Habitat (Nonsupport)	
Cause Unknown	n Related); Source Unknown
	ontact Recreation Water (Nonsupport) Escherichia coli Agriculture, Loss of Riparian Habitat, Municipal Area), Non-Point Source, Residential Districts, Contact Recreation Water (Nonsupport) Fecal Coliform Agriculture, Loss of Riparian Habitat, Municipal Area), Non-Point Source, Residential Districts, er Aquatic Habitat (Nonsupport) Cause Unknown Highway/Road/Bridge Runoff (Non-construction Nutrient/Eutrophication Biological Indicators Agriculture, Non-Point Source, Residential Dist Development or Redevelopment), Urban Runof Organic Enrichment (Sewage) Biological Indica Agriculture, Non-Point Source, Residential Dist Sewers Specific Conductance Agriculture, Non-Point Source, Residential Dist Development or Redevelopment), Urban Runof

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

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

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

UT to Hancock Creek 0.0 to 3.72 (3.72 mi)

Clark County

Into Hancock creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Residential Districts

Impaired Use: Secondary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform

Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source; Residential Districts

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Specific Conductance

Suspected Sources: Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Non-Point Source; Urban Runoff/Storm Sewers

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

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance (KWA) to develop a Watershed Based Plan for the Hancock Creek watershed. In 2010, KDOW awarded Section 319(h) Grant funds (FFY2007) to the City of Winchester, to work with the Strodes Creek Conservancy and other project partners to implement the Plan.

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

UT to Mill Creek 0.0 to 4.0 (4 mi)

Into Mill Creek and North Fork Licking River			
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)			
Pollutant:	Phosphorus (Total)		
Suspected Sou	rces: Dairies (Outside Milk Parlor Areas); Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access		
Pollutant: Suspected Sou	Sedimentation/Siltation rces: Dairies (Outside Milk Parlor Areas); Highway/Road/Bridge Runoff (Non- construction Related); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access		
Pollutant: Suspected Sou	Total Kjehldahl Nitrogen (TKN) rces: Dairies (Outside Milk Parlor Areas); Livestock (Grazing or Feeding Operations); Unrestricted Cattle Access		

UT to UT to Lees Creek 0.0 to 1.6 (1.6 mi)

Into Lees Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant:Nitrate/Nitrite (Nitrite + Nitrate as N)Suspected Sources:Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding
Operations); Loss of Riparian Habitat; Unrestricted Cattle AccessPollutant:Sedimentation/Siltation

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

Pollutant: Total Kjehldahl Nitrogen (TKN) Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

Wheel Rim Fork 0.0 to 2.9 (2.9 mi)

Into Johnson Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Williams Creek 0.0 to 5.3 (5.3 mi)

Into Elk Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Natural Sources

Morgan County

Mason County

Morgan County

Fleming County

Woodruff Creek 0.0 to 3.7 (3.7 mi)

Clark County

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

Suspected Sources: Agriculture; Non-Point Source

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

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

Salt/Licking Basin Management Unit Licking River Basin Freshwater Reservoirs

B.2 Licking River Basin Freshwater Reservoirs

	-	Rowan County
Pollutant:	er Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Source Unknown; Upstream Source	Kenton County
	Oxygen, Dissolved Source Unknown; Upstream Source	
The acres for this lake have b	been adjusted. The acres were formerly 51.0.	
•	er Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators	Pendleton County
Pollutant:	Oxygen, Dissolved	

Suspected Sources: Agriculture

The acres for this lake have been adjusted. The acres were formerly 183.0.

B.3 Ohio River Basin Rivers

Allen Fork 2.0 to 4.6 (2.6 mi)

into Woolper Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)			
Pollutant:	Nutrient/Eutrophication Biological Indicators		
Suspected Sources:	Unspecified Urban Stormwater		
Pollutant:	Sedimentation/Siltation		
Suspected Sources:	Habitat Modification - Other than Hydromodification; Unspecified Urban		
	Stormwater		

KDOW awarded \$449,870 Section 319(h) Grant funds (FFY2010) to the Boone County Conservation District to develop a Watershed Plan for the Woolper Creek watershed.

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

Big South Fork 2.1 to 4.1 (2 mi)

Into Ohio River

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

Sedimentation/Siltation Pollutant: Suspected Sources: Silviculture Activities; Site Clearance (Land Development or

Redevelopment)

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.3 to 4.3.

Big Sugar Creek 0.7 to 2.0 (1.3 mi)

Into Ohio River		
Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Crop Production (Crop Land or Dry Land)	
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Crop Production (Crop Land or Dry Land)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Crop Production (Crop Land or Dry Land); Highway/Road/I (Non-construction Related); Site Clearance (Land Develop Redevelopment)	
Bracken Creek 2.8 to 11.0	(8.2 mi)	Bracken County

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Nutrient/Eutrophication Biological Indicators Pollutant:

Suspected Sources: Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

B-36

Gallatin County

Boone County

Boone County

Ohio River Basin Rivers

Salt/Licking Basin Management Unit

Briery Branch 0.2 to 2.2 (2 mi)

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Rural (Residential Areas)

Brush Creek 0.0 to 2.35 (2.35 mi)

Into Twelvemile Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Non-Point Source

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.6.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Cabin Creek 3.6 to 11.3 (7.7 mi)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

Clary Branch 0.0 to 1.9 (1.9 mi)

Into Salt Lick Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Runoff from Forest/Grassland/Parkland

Drv Creek 0.2 to 7.0 (6.8 mi)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Agriculture; Municipal Point Source Discharges; Unspecified Urban Stormwater

Dry Creek 1.1 to 3.0 (1.9 mi)

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding

B-37

Operations)

Lewis County

Lewis County

Mason County

Boone County

Campbell County

Gallatin County

Gunpowder Creek 15.4 to 17.1 (1.7 mi)

Into Oh	io River	
Impa	aired Use: Warm Wat	ter Aquatic Habitat (Nonsupport)
	Pollutant:	Nutrient/Eutrophication Biological Indicators
	Suspected Sources:	Agriculture; Site Clearance (Land Development or Redevelopment); Unspecified Urban Stormwater
	Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Agriculture; Unspecified Urban Stormwater
	Pollutant: Suspected Sources:	Sedimentation/Siltation Agriculture; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Unspecified Urban Stormwater

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

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

Gunpowder Creek 18.9 to 21.6 (2.7 mi)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Unspecified Urban Stormwater

Salt/Licking Basin Management Unit Ohio River Basin Rivers

Pollutant: Sedimentation/Siltation

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

Fourmile Creek 0.2 to 8.5 (8.3 mi)

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures)

Goose Creek 0.0 to 1.9 (1.9 mi)

Into Locust Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Natural Sources; Surface Mining

Gunpowder Creek 0.0 to 15.0 (15 mi)

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Site Clearance (Land Development or Redevelopment)

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

Boone County

Boone County

Bracken County

Boone County

Campbell County

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

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

Laurel Fork 5.8 to 15.9 (10.1 mi)

Into Kinniconick Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding **Operations**); Silviculture Activities Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Sewage Discharges in Unsewered Areas Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Dredging (e.g., for Navigation Channels); Silviculture Activities Pollutant: Turbidity Suspected Sources: Dredging (e.g., for Navigation Channels); Silviculture Activities

KDOW awarded \$342,881 Section 319(h) Grant funds (FFY2011) to the Kentucky State Nature Preserves Commission to develop a Watershed Plan for Kinniconick Creek.

Lick Run Creek 0.0 to 3.5 (3.5 mi)

Breckinridge County

Henry County

Into Ohio River

Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	Managed Pasture Grazing; Non-irrigated Crop Production
Pollutant:	Sedimentation/Siltation
Suspected Sources:	Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones

Little Kentucky River 21.3 to 27.7 (6.4 mi)

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 21.5 to 27.65.

Lewis County

Locust Creek 0.0 to 4.1 (4. Into Ohio River Impaired Use: Primary Co Pollutant: Suspected Sources:	ontact Recreation Water (Nonsupport) Fecal Coliform	Bracken County
See Chapter 4, Status of TM	DLs Under Development Prior to 2012.	
Locust Creek 4.1 to 12.2 (8 Into Ohio River Impaired Use: Warm Wat Pollutant: Suspected Sources:	ter Aquatic Habitat (Nonsupport) Cause Unknown	Bracken County
McCoys Fork 0.0 to 2.2 (2. Into Mudlick Creek	<u>2 mi)</u>	Boone County
	ter Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Source Unknown	
Middle Creek 0.4 to 5.6 (5.2 Into Ohio River Impaired Use: Warm Wat Pollutant: Suspected Sources:	ter Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators	Boone County
Pollutant: Suspected Sources:	Sedimentation/Siltation Site Clearance (Land Development or Redevelopment), Sil Activities	viculture
Pollutant:	5.5 (6.5 mi) ter Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Crop Production (Crop Land or Dry Land); Grazing in Ripar Zones	Lewis County
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Crop Production (Crop Land or Dry Land); Grazing in Ripar Zones; Sewage Discharges in Unsewered Areas	rian or Shoreline
Pollutant: Suspected Sources:	Sedimentation/Siltation Crop Production (Crop Land or Dry Land); Dredging (e.g., f Channels); Site Clearance (Land Development or Redevelo	

KDOW awarded \$342,881 Section 319(h) Grant funds (FFY2011) to the Kentucky State Nature Preserves Commission to develop a Watershed Plan for Kinniconick Creek.

Salt Lick Creek 0.2 to 7.2 (7 mi) Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation

Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Impervious Surface/Parking Lot Runoff: Loss of Riparian Habitat: Runoff from Forest/Grassland/Parkland

Snag Creek 0.5 to 5.5 (5 mi)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

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

South Fork Gunpowder Creek 0.0 to 2.0 (2 mi) **Boone County**

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Agriculture Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges Sedimentation/Siltation Pollutant: Suspected Sources: Agriculture: Post-development Erosion and Sedimentation: Site Clearance (Land Development or Redevelopment) Pollutant: Turbidity Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

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

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

South Fork Gunpowder Creek 4.1 to 6.8 (2.7 mi)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

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

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

Boone County

Bracken County

Lewis County

Campbell County

Boone County

Into Ohio River	<u>, (1.1 m)</u>	
Impaired Use: Warm Wa Pollutant:	ter Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Crop Production (Crop Land or Dry Land); Livestock (Gra Operations); Site Clearance (Land Development or Redev	
Pollutant: Suspected Sources:	Sedimentation/Siltation Crop Production (Crop Land or Dry Land); Livestock (Gra Operations); Site Clearance (Land Development or Redev	
Trace Creek 0.2 to 4.6 (4.4	<u>mi)</u>	Lewis County
Pollutant:	ter Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Crop Production (Crop Land or Dry Land); Grazing in Ripa Zones; Silviculture Activities	arian or Shoreline
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Crop Production (Crop Land or Dry Land); Sewage Disch Unsewered AreasGrazing in Riparian or Shoreline Zones	arges in
Pollutant: Suspected Sources:	Sedimentation/Siltation Crop Production (Crop Land or Dry Land); Dredging (e.g., Channels); Silviculture Activities	, for Navigation
	ection 319(h) Grant funds (FFY2011) to the Kentucky Stat evelop a Watershed Plan for Kinniconick Creek.	e Nature
UT of McKinney Branch 0.0	<u>0 to 1.2 (1.2 mi)</u>	Lewis County
Into McKinney Branch Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)	
Pollutant:	Cause Unknown	

Woolper Creek 2.8 to 7.45 (4.65 mi)

Tenmile Creek 0.05 to 1.15 (1.1 mi)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Nonsupport) Fecal Coliform Pollutant: Suspected Sources: Agriculture

Suspected Sources: Source Unknown

KDOW awarded \$449,870 Section 319(h) Grant funds (FFY2010) to the Boone County Conservation District to develop a Watershed Plan for the Woolper Creek watershed.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.8 to 7.2.

Woolper Creek 11.9 to 14.0	<u>) (2.1 mi)</u>	Boone County
Into Ohio River		
Impaired Use: Primary Co	ntact Recreation Water (Nonsupport)	
Pollutant:	Fecal Coliform	
•	Illegal Dumps or Other Inappropriate Waste Disposal; Urban Sewers	Runoff/Storm
Impaired Use: Warm Wate	er Aquatic Habitat (Nonsupport)	
Pollutant:	Cause Unknown	
•	Illegal Dumps or Other Inappropriate Waste Disposal; Urban Sewers	Runoff/Storm
	Nutrient/Eutrophication Biological Indicators Illegal Dumps or Other Inappropriate Waste Disposal	
Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Illegal Dumps or Other Inappropriate Waste Disposal; Urban Sewers	Runoff/Storm
Suspected Sources:	Total Suspended Solids (TSS) Illegal Dumps or Other Inappropriate Waste Disposal; Impact Hydrostructure Flow Regulation/Modification; Urban Runoff/S	

KDOW awarded \$449,870 Section 319(h) Grant funds (FFY2010) to the Boone County Conservation District to develop a Watershed Plan for the Woolper Creek watershed.

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

Salt/Licking Basin Management Unit Ohio River Basin Freshwater Reservoirs

B.4 Ohio River Basin Freshwater Reservoirs

Alexandria Park Lake (6.1 acres)

Into Fourmile Creek Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Lake Jericho (137 acres)

Little Kentucky River - Impoundment Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) Pollutant: Oxygen, Dissolved Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations)

Campbell County

Henry County

B.5 Salt River Basin Rivers

Ashers Run From 0.0 to 4.8 (4.8 mi)

Into Currys Fork

Oldham County

 Impaired Use: Primary Contact Recreation Water (Nonsupport)

 Pollutant:
 Escherichia coli

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

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

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

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

Beargrass Creek 0.5 to 1.8 (1.3 mi)

Jefferson County

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

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

Beech Creek 4.6 to 19.6 (15 mi)

Shelby County

Into Taylorsville Lake (Salt River) Impaired Use: Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Beech Fork 39.5 to 50.4 (10.9 mi)

Into Rolling Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron Suspected Sources: Source Unknown

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Big South Fork 0.0 to 12.65 (12.65 mi)

Into Rolling Fork Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Agriculture; Package Plant or Other Permitted Small Flows Discharges

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 12.4.

Blue Spring Ditch 0.0 to 2.1 (2.1 mi)

Into Northern Ditch Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

Brashears Creek 0.0 to 13.0 (13 mi)

Into Salt River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Agriculture; Non-Point Source

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Brooks Run 0.0 to 2.7 (2.5 mi) Bullitt County

Into Floyds Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Municipal Point Source Discharges Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Municipal Point Source Discharges

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

Nelson County

Spencer County

Jefferson County

Marion County

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 2.5.

Brooks Run 2.7 to 4.4 (1.7 mi)

Into Floyds Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)			
Pollutant:	Nutrient/Eutrophication Biological Indicators		
Suspected Sources:	Municipal Point Source Discharges		

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

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

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.5 to 4.1.

Brooks Run 4.4 to 6.4 (2 mi)

Bullitt County

nto Floyds Fork	
Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges

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

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 4.1 to 6.1.

Bullitt County

Bullitt Lick Creek 0.0 to 2.3 (2.3 mi)

Into Salt River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

 Pollutant:
 Turbidity

 Suspected Sources:
 Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

 Suspected Sources:
 Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Site Clearance (Land Development or Redevelopment)

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

Bullskin Creek 14.4 to 22.4 (8 mi) Shelby County

Into Brashears Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Cane Run 0.0 to 7.3 (7.3 mi)

Into Floyds Fork Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

Caney Fork 0.0 to 4.0 (4 mi)

Into Cox Creek

 Impaired Use: Primary Contact Recreation Water (Nonsupport)

 Pollutant:
 Escherichia coli

 Suspected Sources:
 Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban

 Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers

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

Jefferson County

Nelson County

Bullitt County

Rivers

Salt/Licking Basin Management Unit Salt River Basin

Cartwright Creek 0.0 to 6.6 (6.6 mi) Into Beech Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture

Cartwright Creek 12.7 to 15.3 (2.6 mi)

Into Beech Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Cedar Creek 4.3 to 11.1 (6.8 mi)

Into Floyds Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

Pollutant: Fecal Coliform Suspected Sources: Source Unknown

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

Cedar Creek 12.0 to 16.1 (4.1 mi)

Into Floyds Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Chaplin River 0.0 to 23.1 (23.1 mi)

Into Beech Fork Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Chaplin River 63.0 to 69.7 (6.7 mi)

Into Beech Fork Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown Washington County

Washington County

Jefferson County

Jefferson County

Mercer County

Nelson County

Cheese Lick 0.7 to 4.4 (3.7 mi)

Into Sulphur Creek	
Impaired Use: Warm Wa	ater Aquatic Habitat (Partial Support)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources	: Grazing in Riparian or Shoreline Zones
Pollutant:	Sedimentation/Siltation
Suspected Sources	: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Streambank Modifications/Destabilization

See Chapter 5, Segments Planned for Monitoring During 2012 and Chapter 6, Segments Planned for Monitoring During 2013.

Chenoweth Run 0.0 to 5.25 (5.25 mi)

Jefferson County

Into Floyds Fork

 Impaired Use: Primary Contact Recreation Water (Nonsupport)

 Pollutant:
 Escherichia coli

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

 Source Discharges; Unspecified Urban Stormwater

 Pollutant:
 Fecal Coliform

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

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

 Source Discharges; Unspecified Urban Stormwater

 Impaired Use:
 Secondary Contact Recreation Water (Partial Support)

Pollutant: Fecal Coliform Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.2.

Chenoweth Run 5.25 to 9.2 (3.95 mi) Jefferson County Into Floyds Fork Impaired Use: Primary Contact Recreation Water (Nonsupport) Escherichia coli Pollutant: Escherichia coli Suspected Sources: Pollutant: Fecal Coliform Suspected Sources: Fecal Coliform Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Anderson County

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 5.2 to 9.2.

Clear Creek 0 to 4.4 (4.4 mi)

Into Rollina Fork Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Clear Creek 0.0 to 11.0 (11 mi)

Into Bullskin Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Urban Runoff/Storm Sewers Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Unspecified Urban Stormwater Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations): Unspecified Urban Stormwater

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

Cox Creek 0.0 to 4.7 (4.7 mi)

Into Salt River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Non-Point Source

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

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Cox Creek 4.7 to 11.4 (6.7 mi)

Into Salt River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access

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

Nelson County

Bullitt County

Shelby County

Hardin County

Cox Creek 11.4 to 18.6 (7.2 mi)

Into Salt River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Package Plant or Other Permitted Small Flows Discharges; Unrestricted Cattle Access

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources:
 Permitted Runoff from Confined Animal Feeding Operations (CAFOs)

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.2 to 15.5.

Cox Creek 18.6 to 23.9 (5.3 mi)

Into Salt River

 Impaired Use: Primary Contact Recreation Water (Nonsupport)

 Pollutant:
 Escherichia coli

 Suspected Sources:
 Agriculture; Non-Point Source; Unrestricted Cattle Access; Urban Runoff/Storm Sewers

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Non-Point Source

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

Crooked Creek 5.6 to 12.8 (7.2 mi)

Into Rolling Fork Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Currys Fork 0.0 to 4.8 (4.8 mi)

Into Floyds Fork Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

Oldham County

Bullitt County

Nelson County

Nelson County

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

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Doe Run 4.1 to 7.9 (3.8 mi)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

East Fork Beech Fork 0.0 to 1.9 (1.9 mi)

Into Beech Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

East Fork Cox Creek 0.0 to 4.3 (4.3 mi)

Into Cox Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; Unrestricted Cattle Access

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

Fern Creek 0.0 to 1.3 (1.3 mi)

Into Northern Ditch Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Landfills; Municipal Point Source Discharges; Unspecified Urban

Impaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Ammonia (Un-ionized)Suspected Sources: Municipal Point Source Discharges; Unspecified Urban StormwaterPollutant:Nutrient/Eutrophication Biological Indicators

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

Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Landfills; Municipal Point Source Discharges; Unspecified Urban

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

Meade County

Washington County

Bullitt County

Jefferson County

Pollutant:	ontact Recreation Water (Nonsupport) Fecal Coliform Landfills; Municipal Point Source Discharges; Unspecified Urban
Pollutant:	ter Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
See Chapter 4, Status of TM	DLs Under Development Prior to 2012.
Fern Creek 4.4 to 5.9 (1.5 n Into Northern Ditch	ni) Jefferson County
Into Northern Ditch Impaired Use: Primary C Pollutant:	ni) Jefferson County ontact Recreation Water (Nonsupport) Fecal Coliform Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Into Northern Ditch Impaired Use: Primary C Pollutant: Suspected Sources: Impaired Use: Warm Wa Pollutant:	ontact Recreation Water (Nonsupport) Fecal Coliform Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point

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

Floyds Fork 0.0 to 11.7 (11.7 mi)

Fern Creek 1.3 to 4.4 (3.1 mi)

Bullitt County

Jefferson County

Into Salt River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

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

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 11.6.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Floyds Fork 11.7 to 24.2 (12.5 mi)

Jefferson County

Into Salt River

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Escherichia coli

Suspected Sources: Agriculture; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture; Municipal Point Source Discharges; Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012, Chapter 7, TMDLs Planned for Public Notice During 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.6 to 24.2.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Floyds Fork 24.2 to 34.1 (9.9 mi)

Jefferson County

Into Salt River
Impaired Use: Primary Contact Recreation Water (Nonsupport)
Pollutant: Escherichia coli
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Package Plant or
Other Permitted Small Flows Discharges
Impaired Use: Warm Water Aquatic Habitat (Partial Support)
Pollutant: Sedimentation/Siltation
Suspected Sources: Agriculture: Site Clearance (Land Development or Redevelopment)

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Floyds Fork 34.1 to 61.9 (27	7.8 mi)	Oldham; Shelby Coun
Into Salt River		· ·
Impaired Use: Primary Co	ontact Recreation Water (Nonsupport)	
Pollutant:	Escherichia coli	
Suspected Sources:	Package Plant or Other Permitted Small Flows Di	ischarges
Pollutant:	Contact Recreation Water (Nonsupport) Fecal Coliform Package Plant or Other Permitted Small Flows Di	ischarges
Pollutant:	er Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Municipal Point Source Discharges; Wet Weather Source); Wet Weather Discharges (Point Source Stormwater, SSO or CSO)	
	Sedimentation/Siltation Municipal (Urbanized High Density Area); Wet We Point Source); Wet Weather Discharges (Point So Stormwater, SSO or CSO)	

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

See Chapter 4, Status of TMDLs Under Development Prior to 2012, Chapter 7, TMDLs Planned for Public Notice During 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.

Froman Creek 0.0 to 1.25 (1.25 mi)

Nelson County

Jefferson County

Into Cox Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Escherichia coli Pollutant: Suspected Sources: Agriculture; Non-Point Source; Unrestricted Cattle Access

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

Goose Creek 0.3 to 3.6 (3.3 mi)

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal: Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers Pollutant: Organic Enrichment (Sewage) Biological Indicators

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

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

Oldham: Shelby County

Goose Creek 3.6 to 13.0 (9 Into Ohio River		Jefferson County
Pollutant: Suspected Sources	ontact Recreation Water (Nonsupport) Fecal Coliform Source Unknown	
Pollutant:	ter Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Industrial Point Source Discharge; Municipal Point Sourc Urban Runoff/Storm Sewers	e Discharges;
Pollutant: Suspected Sources	Organic Enrichment (Sewage) Biological Indicators Source Unknown	
See Chapter 4, Status of TM	IDLs Under Development Prior to 2012.	
Guist Creek 15.7 to 28.0 (1 Into Brashears Creek	<u>2.3 mi)</u>	Shelby County
•	ter Aquatic Habitat (Partial Support)	
Pollutant: Suspected Sources	Nutrient/Eutrophication Biological Indicators Crop Production (Crop Land or Dry Land), Upstream Imp PI-566 NRCS Structures), Unspecified Urban Stormwate (Grazing or Feeding Operations)	
Pollutant: Suspected Sources	Organic Enrichment (Sewage) Biological Indicators Crop Production (Crop Land or Dry Land), Upstream Imp PI-566 NRCS Structures), Unspecified Urban Stormwate (Grazing or Feeding Operations)	
Pollutant: Suspected Sources	Sedimentation/Siltation Crop Production (Crop Land or Dry Land), Livestock (Gr Operations), Unspecified Urban Stormwater, Upstream I PI-566 NRCS Structures)	
Hardins Creek 0.0 to 11.4	<u>(11.4 mi)</u> Bi	reckinridge County

Hardins Creek 0.0 to 11.4 (11.4 mi) Into Sir

aroins	<u>S Creek 0.0 to 11.4 (</u>	<u>11.4 mi)</u>	Dreckinna
to Sin	king Creek		
Impa	aired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
	Pollutant:	Nutrient/Eutrophication Biological Indicators	
	Suspected Sources:	Municipal Point Source Discharges	
	Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Municipal Point Source Discharges	
	Pollutant: Suspected Sources:	Sedimentation/Siltation Non-irrigated Crop Production	

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY2004) to the Kentucky Department of Agriculture to conduct pesticide, nutrient and sediment monitoring and lead a water quality educational effort for the Sinking Creek watershed. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

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

This segment is a combination of two former segments, 0.0 to 5.0 and 5.2 to 11.1. Also, the river miles have been adjusted to reflect the National Hydroraphy Data Set.

Hardins Creek 13.3 to 22.9 (9.6 mi)	Marion County
Into Beech Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N) Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian H Unrestricted Cattle Access	abitat;
Pollutant: Phosphorus (Total) Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian H Unrestricted Cattle Access	abitat;
Pollutant: Sedimentation/Siltation Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian H Unrestricted Cattle Access	abitat;
Hardy Creek 0.0 to 1.4 (1.4 mi) Into Little Kentucky River	Trimble County
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Ripar Zones; Highway/Road/Bridge Runoff (Non-construction Re Riparian Habitat; Streambank Modifications/Destabilization Runoff/Storm Sewers	elated); Loss of
Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Ripar Zones; Highway/Road/Bridge Runoff (Non-construction Re Riparian Habitat; Streambank Modifications/Destabilization Runoff/Storm Sewers	elated); Loss of
Hardy Creek 1.6 to 5.6 (4 mi)	Trimble County
Into Little Kentucky River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown	
Harrods Creek 0.0 to 3.2 (3.2 mi) Into Ohio River	Oldham County
Impaired Use: Primary Contact Recreation Water (Partial Support)	
Pollutant: Fecal Coliform Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); M (Urbanized High Density Area); Package Plant or Other Pe Flows Discharges	
Impeired Lees Marm Mater Aquetic Lepitet (Nensuppert)	

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Municipal (Urbanized High Density Area)

KDOW awarded Section 319(h) Grant funds (FFY2004) to the Kentucky Waterways Alliance to develop a Watershed Plan for the Harrods Creek watershed.

Jones Creek 0.0 to 3.9 (3.9 mi)

Hayden Creek 0.0 to 1.3 (1.3 mi)

Into Chaplin River

Into North Rolling Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Little Goose Creek 0.0 to 9.2 (9.2 mi)

Impaired Use: Primary Contact Recreation Water (Partial Support) Fecal Coliform Pollutant: Suspected Sources: Urban Runoff/Storm Sewers

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

Long Lick Creek 0.0 to 10.5 (10.5 mi)

Into Salt River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; **Unrestricted Cattle Access**

Salt/Licking Basin Management Unit Salt River Basin Rivers

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Other Suspected Sources: Source Unknown Hite Creek 0.0 to 5.5 (5.5 mi) **Jefferson County** Into South Fork Harrods Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Cause Unknown Pollutant: Suspected Sources: Municipal Point Source Discharges Jeptha Creek 0.0 to 0.7 (0.7 mi) Shelby County Into Guist Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) Sedimentation/Siltation Pollutant: Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) **Jefferson County** Into Goose Creek

Mercer County

Marion County

Bullitt County

Long Run 0.0 to 9.9 (9.9 mi)

Into Floyds Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Urban Runoff/Storm Sewers

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 10.0.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Mellins Branch 0.0 to 1.5 (1.5 mi)

Carroll County

 Into Little Kentucky River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

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

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Site Clearance (Land Development or Redevelopment)

Middle Fork Beargrass Creek 0.0 to 2.0 (2 mi)

Jefferson County

Into Beargrass Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Sanitary Sewer Overflows (Collection System Failures); Urban Runoff/Storm Sewers

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

Jefferson County

Mill Creek 0.0 to 11.2 (11.2	<u>mi)</u>	Jefferson County
Into Ohio River		
Impaired Use: Primary Co	ontact Recreation Water (Nonsupport)	
Pollutant:	Fecal Coliform	
Suspected Sources:	Illegal Dumps or Other Inappropriate Waste Disposal; Mu Source Discharges; Urban Runoff/Storm Sewers	nicipal Point
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
	Illegal Dumps or Other Inappropriate Waste Disposal; Ind Source Discharge; Municipal Point Source Discharges; U Sewers	
Pollutant:	Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources:	Illegal Dumps or Other Inappropriate Waste Disposal; Ind Source Discharge; Municipal Point Source Discharges; U Sewers	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Illegal Dumps or Other Inappropriate Waste Disposal; Ind Source Discharge; Urban Runoff/Storm Sewers	ustrial Point
Mill Creek Cutoff 0.0 to 2.4	(2.4 mi)	Jefferson County

Mill Creek Cutoff 0.0 to 2.4 (2.4 mi)

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.7.

North Fork Currys Fork 0.0 to 6.0 (6.0 mi)

Oldham County

Into Currys Fork

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

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

Northern Ditch 0.0 to 7.3 (7.3 mi)

Jefferson County

Into Southern Ditch/Pond Cr	eek
Impaired Use: Primary C	ontact Recreation Water (Nonsupport)
Pollutant:	Fecal Coliform
Suspected Sources:	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)
Pollutant:	Ammonia (Un-ionized)
Suspected Sources:	Municipal Point Source Discharges
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers
Pollutant:	Organic Enrichment (Sewage) Biological Indicators
Suspected Sources:	Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

Otter Creek 0.0 to 2.9 (2.9 mi)

Into Rolling Fork Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Otter Creek 0.0 to 10.7 (10.7 mi)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Landfills; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Unspecified Urban Stormwater

Pennsylvania Run 0.0 to 3.3 (3.3 mi)

Into Cedar Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Dredging (e.g., for Navigation Channels); Inappropriate Waste Disposal: Loss of Riparian Habitat; Streambank Modifications/Destabilization; Upstream Impoundments (e.g., PI-566 NRCS Structures); Urban Runoff/Storm Sewers

Meade County

Jefferson County

Larue County

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Pleasant Run 4.2 to 6.9 (2.7 mi)

Into Beech Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Grazing in Riparian or Shoreline Zones Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization; **Unrestricted Cattle Access**

Plum Creek 0.0 to 17.8 (17.8 mi)

Into Salt River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding

Operations); Site Clearance (Land Development or Redevelopment)

Pond Creek 0.0 to 1.5 (1.5 mi)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Chlorine Suspected Sources: Municipal Point Source Discharges Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Municipal Point Source Discharges Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Municipal Point Source Discharges

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

Washington County

Spencer County

Oldham County

Pond Creek/Southern Ditch 5.1 to 8.1 (3 mi)

Jefferson County

		<u> </u>	
Into Pol	nd Creek		
Impa	aired Use: Primary Co	ontact Recreation Water (Nonsupport)	
	Pollutant:	Fecal Coliform	
	Suspected Sources:	On-site Treatment Systems (Septic Systems and Similar Decent Systems); Package Plant or Other Permitted Small Flows Discha Unspecified Urban Stormwater	
Impa	aired Use: Warm Wat	er Aquatic Habitat (Nonsupport)	
	Pollutant:	Ammonia (Un-ionized)	
	Suspected Sources:	Package Plant or Other Permitted Small Flows Discharges	
	Pollutant:	Nutrient/Eutrophication Biological Indicators	
	Suspected Sources:	Package Plant or Other Permitted Small Flows Discharges	
	Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Package Plant or Other Permitted Small Flows Discharges	

Pope Lick Creek 0.0 to 2.1 (2.1 mi)

Jefferson County

Into Floyds Fork Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.0 to 5.2.

Pope Lick Creek 2.1 to 5.5 (3.4 mi) Jefferson County

Into Floyds Fork Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Municipal Point Source Discharges; Unspecified Urban Stormwater

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

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

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Washington County

Bullitt County

	<u></u>	asinington county
Into Cartwright Creek		
Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)	
Pollutant:	Phosphorus (Total)	
Suspected Sources:	Impervious Surface/Parking Lot Runoff; Loss of Riparian I (Urbanized High Density Area); Municipal Point Source D Runoff/Storm Sewers; Wet Weather Discharges (Non-Poi	ischarges; Urban
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Impacts from Hydrostructure Flow Regulation/Modification Surface/Parking Lot Runoff; Loss of Riparian Habitat; Mur High Density Area); Municipal Point Source Discharges; S Modifications/Destabilization; Urban Runoff/S	nicipal (Urbanized
Rocky Run 0.0 to 2.3 (2.3 n Into Cox Creek	<u>ni)</u>	Bullitt County
	ontact Recreation Water (Nonsupport)	
Pollutant:	Escherichia coli	
	Agriculture; Animal Feeding Operations (NPS); Non-Point Unrestricted Cattle Access	Source;
Rolling Fork 0.0 to 37.75 (3 Into Salt River	<u>7.75 mi)</u>	Bullitt County

Into Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli

Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 40.7.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt River 11.7 to 25.9 (14.2 mi)

Road Run 0.0 to 7.1 (7.1 mi)

Into Ohio River Impaired Use: Fish Consumption (Partial Support) Pollutant: Methylmercury Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

KDOW awarded \$244,000 Section 319(h) Grant funds (FFY2003) to the Bullitt County Fiscal Court to implement urban stormwater management runoff controls.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.9 to 26.2.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Salt River 111.9 to 135.25 (23.35 mi)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Non-Point Source

Short Creek 0.0 to 5.0 (5 mi)

Into Beech Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Sinking Creek 8.7 to 15.4 (6.7 mi)

Into Ohio River

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

Suspected Sources: Agriculture

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

Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture; Municipal Point Source Discharges

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY2004) to the Kentucky Department of Agriculture to conduct pesticide, nutrient and sediment monitoring and lead a water quality educational effort for the Sinking Creek watershed. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

Sinking Creek 15.4 to 39.75 (24.35 mi)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Agriculture; Municipal Point Source Discharges

KDOW awarded \$321,000 Section 319(h) Grant funds (FFY2004) to the Kentucky Department of Agriculture to conduct pesticide, nutrient and sediment monitoring and lead a water quality educational effort for the Sinking Creek watershed. The Council was awarded a US EPA Environmental Education grant in 2007 (FFY2006 funds) to further implement education and outreach activities.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 15.4 to 39.7.

Washington County

Mercer County

Breckinridge County

Breckinridge County

South Fork Beargrass Creek 0.0 to 2.7 (2.7 mi)

Into Beargrass Creek

•	er Aquatic Habitat (Partial Support)				
Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators Illegal Dumps or Other Inappropriate Waste Disposal; Mu Source Discharges; Urban Runoff/Storm Sewers	unicipal Point			
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Illegal Dumps or Other Inappropriate Waste Disposal; Mu Source Discharges; Urban Runoff/Storm Sewers	unicipal Point			
See Chapter 4, Status of TMDLs Under Development Prior to 2012.					
South Fork Beargrass Cree Into Beargrass Creek	ek 2.7 to 13.6 (10.9 mi)	Jefferson County			
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)					
Pollutant:	Nutrient/Eutrophication Biological Indicators				
Suspected Sources:	Illegal Dumps or Other Inappropriate Waste Disposal; Mu Source Discharges; Urban Runoff/Storm Sewers	unicipal Point			
Pollutant:	Organic Enrichment (Sewage) Biological Indicators				

Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

South Fork Currys Fork 0.0 to 6.1 (6.1 mi)

Into Currys Fork Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

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

South Long Run 0.0 to 3.35 (3.35 mi)

Into Long Run Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

KDOW awarded \$192,000 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan in the Floyds Fork watershed.

Jefferson County

Oldham County

Jefferson County

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

Southern Ditch 0.0 to 5.9 (5.9 mi)

Into Pond Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Illegal Dumps or Other Inappropriate Waste Disposal: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

Sulphur Creek 0.0 to 10.0 (10 mi)

Into Chaplin River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Non-Point Source

See Chapter 5, Segments Planned for Monitoring During 2012 and Chapter 6, Segments Planned for Monitoring During 2013.

The fecal coliform listing on the 2010 303(d) report has been replaced with Escherichia coli.

Thompson Creek 0.0 to 9.3 (9.3 mi)

Into Chaplin River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat: Streambank Modifications/Destabilization

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 9.2.

Tioga Creek 0.0 to 2.5 (2.5 mi)

Into Abrahams Run Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); NPS Pollution from Military Base Facilities (Other than Port Facilities); Residential Districts: Upstream Source

UT of Mill Creek 0.0 to 1.7 (1.7 mi)

Into Mill Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Source Unknown

Washington County

Hardin County

Anderson County

Washington County

Jefferson County

UT of South Fork Currys Fork 0.0 to 1.8 (1.8 mi)

Into South Fork Currys Fork Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$970,500 in Section 319(h) Grant funds (FFY2006) to the Oldham County Fiscal Court to develop and implement a Watershed Plan in the Curry's Fork. The Kentucky Department of Fish Wildlife Resources Fees In Lieu Of Mitigation program has allocated \$878,726 to the University of Louisville Stream Institute for the restoration of up to 6,400 feet of stream on South Curry's Fork, a tributary of Curry's Fork; wetlands will also be created. KDOW awarded \$216,954 Section 319(h) Grant funds (FFY2003) to the Kentucky Waterways Alliance, which resulted in the partial development of a Watershed Plan for the Floyds Fork watershed.

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

UT of UT of North Prong Long Lick Creek 0.0 to 0.25 (0.3 mi)

Into UT of North Prong Long Lick Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nitrogen (Total) Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

UT to Brooks Run 0.0 to 2.0 (2 mi)

Into Brooks Run Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Urban Runoff/Storm Sewers

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

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

Oldham County

Bullitt County

Washington County

UT to Buffalo Run 0.0 to 1.1 (1.1 mi)

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

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

UT to Hammond Creek 0.0 to 1.8 (1.8 mi)

Into Hammond Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant:	Nitrate/Nitrite (Nitrite + Nitrate as N) Grazing in Riparian or Shoreline Zones; Unrestricted Cattle Access
	Sedimentation/Siltation Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Unrestricted Cattle Access
	Total Kjehldahl Nitrogen (TKN) Grazing in Riparian or Shoreline Zones; Unrestricted Cattle Access

UT to Pond Creek 0.0 to 0.5 (0.5 mi)

Into Pond Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:ChlorineSuspected Sources:Package Plant or Other Permitted Small Flows DischargesPollutant:Nutrient/Eutrophication Biological IndicatorsSuspected Sources:Package Plant or Other Permitted Small Flows DischargesPollutant:Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

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

UT to Salt River 0.0 to 2.4 (2.4 mi)

Into Salt River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unrestricted Cattle Access

Oldham County

Mercer County

Anderson County

Bullitt County

UT to Southern Ditch 0.0 to 2.6 (2.6 mi)

Salt/Licking Basin Management Unit Salt River Basin **Rivers**

There is no GNIS code for S Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Commercial Districts (Industrial Parks); Commercial Districts (Shopping/Office Complexes); Highway/Road/Bridge Runoff (Nonconstruction Related); Impacts from Hydrostructure Flow Regulation/Modification: Impervious Surface/Parking Lot Runo

UT to UT to Guist Creek 0.0 to 2.4 (2.4 mi)

Into Guist Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Grazing in Riparian or Shoreline Zones; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Unrestricted Cattle Access

West Fork Cox Creek 0.0 to 6.9 (6.9 mi)

Into Cox Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Non-Point Source; **Unrestricted Cattle Access**

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

Wetwoods Creek (Slop Ditch) 2.2 to 4.25 (2.05 mi)

Into Northern Ditch Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Municipal Point Source Discharges: Urban Runoff/Storm Sewers

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cadmium Suspected Sources: Industrial Point Source Discharge; Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

This stream has historically been canalized and is in an urban/industrial center with a now closed landfill in the immediate watershed. Since the last assessment in 2006 the stream channel was moved to accommodate landfill closure and a natural stream design was executed.

Jefferson County

Bullitt County

Jefferson County

Shelby County

Into Southern Ditch

Wilson Creek 0.0 to 2.2 (2.2 mi)

Bullitt County

er Aquatic Habitat (Nonsupport)
Oxygen, Dissolved
Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers
Sedimentation/Siltation Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers
Total Kjehldahl Nitrogen (TKN) Commercial Districts (Industrial Parks); Impervious Surface/Parking Lot Runoff; Municipal (Urbanized High Density Area); Urban Runoff/Storm Sewers

KDOW awarded \$336,305 in Section 319(h) Grant funds (FFY2000) to the Bernheim Arboretum and Research Forest to conduct riparian and stream restoration and to provide technical training on natural channel design techniques and methodologies.

Withrow Creek 0.0 to 3.9 (3.9 mi)

Into Beech Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Other Spill Related Impacts

Pollutant: Oxygen, Dissolved Suspected Sources: Other Spill Related Impacts

Younger Creek 0.0 to 4.5 (4.5 mi)

Into Rolling Fork

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

Suspected Sources: Livestock (Grazing or Feeding Operations); Silviculture Activities

Pollutant: Sedimentation/Siltation

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

Hardin County

Nelson County

Salt/Licking Basin Management Unit Salt River Basin Freshwater Reservoirs

B.6 Salt River Basin Freshwater Reservoirs

Beaver Creek Lake (148 acres)

Anderson County

Into Chaplin River Impaired Use: Fish Consumption (Partial Support) Pollutant: (Methyl)mercury Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Organic Enrichment (Sewage) Biological Indicators Pollutant: Suspected Sources: Littoral/Shore Area Modifications (Non-riverine); Non-Point Source; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Oxygen, Dissolved Suspected Sources: Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia; Littoral/Shore Area Modifications (Non-riverine): On-site Treatment Systems

(Septic Systems and Similar Decentralized Systems)

Shelby County

Guist Creek Lake (317 acres) Guist Creek - Impoundment Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas) Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas) Pollutant: Oxygen, Dissolved Suspected Sources: Agriculture; On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Rural (Residential Areas)

McNeely Lake (53 acres)

Jefferson County

Shelby County

Pennsylvania Run - Impoundment Impaired Use: Fish Consumption (Nonsupport) Pollutant: Methylmercury Suspected Sources: Source Unknown

The acres for this lake have been adjusted. The acres were formerly 51.0.

Shelby Lake (17 acres)

Into Clear Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture: Internal Nutrient Recycling

The acres for this lake have been adjusted. The acres were formerly 17.0.

Salt/Licking Basin Management Unit Salt River Basin Freshwater Reservoirs

Taylorsville Reservoir (3050 acres)

Spencer County

Into Salt River Impaired Use: Fish Consumption (Partial Support) Pollutant: Methylmercury Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Oxygen, Dissolved Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Municipal Point Source Discharges; Upstream Source

B.7 Salt River Basin Ponds

Chickasaw Park Pond (1.5 acres)

Into Ohio River Impaired Use: Fish Consumption (Partial Support) Pollutant: Methylmercury Suspected Sources: Source Unknown Riparian Habitat; Silviculture Activities **Jefferson County**

Appendix C. Tennessee-Mississippi-Cumberland Basin Unit 303(d) List: Narrative

C.1 Lower Cumberland River Basin Rivers

Casey Creek 0.0 to 3.6 (3.6 miles)

Into Little River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: 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. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Claylick Creek 4.8 to 10.7 (5.9 miles)

 Into Cumberland River

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources:
 Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Non-irrigated Crop Production

See Chapter 6, Segments Planned for Monitoring During 2013.

Claylick Creek 10.7 to 13.9 (3.2 miles)

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production

See Chapter 6, Segments Planned for Monitoring During 2013.

Crab Creek 0.0 to 4.8 (4.8 miles)

Into Livingston Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Grazing in Riparian or Shoreline Zones

Lyon County

Crittenden County

Crittenden County

Trigg County

Cypress Creek 0.1 to 6.1 (6	Livingston County			
Into Cumberland River				
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)				
Pollutant:	Phosphorus (Total)			
	Agriculture; Crop Production (Crop Land or Dry Land); Habitat; Non-irrigated Crop Production	Loss of Riparian		
Pollutant: Suspected Sources:	Sedimentation/Siltation Agriculture; Crop Production (Crop Land or Dry Land); Habitat; Non-irrigated Crop Production	Loss of Riparian		

Donaldson Creek 7.1 to 11.6 (4.5 miles)

Into Cumberland River (Lake Barkley) Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Dredge Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.2 to 9.3.

Dry Creek 0.0 to 3.65 (3.65 miles)

Into Eddy Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown Pollutant: Sedimentation/Siltation Suspected Sources: Off-road Vehicles

Dry Fork 0.0 to 7.3 (7.3 miles)

)ry ⊦o	<u>rk 0.0 to 7.3 (7.3 mile</u>	<u>es)</u>	Logan County
nto Wh	nipporwill Creek		
Impa	aired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
	Pollutant:	Nitrate/Nitrite (Nitrite + Nitrate as N)	
	Suspected Sources:	Crop Production (Crop Land or Dry Land); Grazing in Ripariar Zones; Livestock (Grazing or Feeding Operations); Loss of R Habitat; Non-irrigated Crop Production; Unrestricted Cattle Ac	liparian
	Pollutant:	Oxygen, Dissolved	
	Suspected Sources:	Crop Production (Crop Land or Dry Land); Grazing in Ripariar Zones; Livestock (Grazing or Feeding Operations); Loss of R Habitat; Non-irrigated Crop Production; Unrestricted Cattle Ac	liparian
	Pollutant:	Sedimentation/Siltation	
	Suspected Sources:	Crop Production (Crop Land or Dry Land); Grazing in Ripariar Zones; Livestock (Grazing or Feeding Operations); Loss of R Habitat; Non-irrigated Crop Production; Unrestricted Cattle Ac	liparian

Dry Fork Creek 5.8 to 6.6 (0.8 miles)

Into Noah Springs Branch

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Source Unknown

Trigg County

Logan County

Caldwell County

Christian County

Dry Fork 0.0 to 7.3 (7 Into Whipporwill Creek

Eddy Creek 10.25 to 13.15 (2.9 miles)

Into Cumberland River (Lake Barkley)

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Eddy Creek 13.15 to 15.9 (2.75 miles)

Into Cumberland River (Lake Barkley) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nitrates Suspected Sources: Agriculture; Rural (Residential Areas) Pollutant: Phosphorus (Total) Suspected Sources: Agriculture; Rural (Residential Areas)

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 13.0 to 15.7.

The Nitrate/Nitrite (Nitrite + Nitrate as N) listing on the 2010 303(d) report has been more correctly identified as Nitrates.

Elk Fork 22.3 to 31.1 (8.8 miles)

Into Red River of Cumberland River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Municipal Point Source Discharges

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

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

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

Elk Fork 31.1 to 33.1 (1.6 miles)

Into Red River of Cumberland River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown; Unspecified Urban Stormwater

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

Lyon County

Todd County

Todd County

Caldwell County

Ferguson Creek 1.2 to 2.3 (1.1 miles)

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Kenady Creek 0.0 to 4.0 (4 miles)

Into Muddy Fork of Little River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Little River 15.3 to 21.1 (5.9 miles)

Into Cumberland River (Lake Barkley) Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Dam or Impoundment Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 14.7 to 20.6.

Trigg County

Livingston County

Trigg County

Little River 21.1 to 30.6 (9.5 miles)

Trigg County

Into Cumberland River (Lake Barkley) Impaired Use: Fish Consumption (Partial Support) Pollutant: Methylmercury Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Nitrate/Nitrite (Nitrite + Nitrate as N)Suspected Sources: Agriculture; Municipal Point Source DischargesPollutant:Phosphorus (Total)Suspected Sources: Agriculture; Municipal Point Source DischargesPollutant:Sedimentation/Siltation

Suspected Sources: Agriculture; Municipal Point Source Discharges

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 20.6 to 30.0.

Little River 30.6 to 31.9 (1.3 miles)

Trigg County

Into Cumberland River (Lake Barkley) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture

> Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 30.0 to 31.4.

Little River 31.9 to 46.1 (14.2 miles)

Into Cumberland River (Lake Barkley)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

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

Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Municipal Point Source Discharges; Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 31.4 to 45.5.

Little River 46.1 to 58.3 (12.2 miles)

Christian County

Into Cumberland River (Lake Barkley)

	, Daniey/
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	Crop Production (Crop Land or Dry Land)
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Municipal Point Source Discharges

Pollutant: Sedimentation/Siltation

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

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 45.5 to 57.7.

Trigg County

Livingston Creek 4.65 to 7.1 (2.45 miles)

Into Cumberland River	
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)
Pollutant:	Nitrate/Nitrite (Nitrite + Nitrate as N)
Suspected Sources:	Agriculture
Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators Agriculture

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 4.6 to 7.0.

Livingston Creek 11.6 to 15.5 (3.9 miles)

Into Cumberland River	
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)
Pollutant:	Nitrate/Nitrite (Nitrite + Nitrate as N)
Suspected Sources:	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production
Pollutant:	Phosphorus (Total)
Suspected Sources:	Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production
Pollutant: Suspected Sources:	Sedimentation/Siltation Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

Long Pond Branch 2.7 to 3.2 (0.5 miles)

Into Muddy Fork Little River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Sedimentation/Siltation Pollutant: Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Lower Branch 3.4 to 9.3 (5.9 miles)

Into North Fork Little River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Christian County

Trigg County

Lyon County

Lyon County

<u>Middle Branch of North Fork of Little River 1.3 to 3.9 (2.6</u> Into North Fork Little River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Nitrate/Nitrite (Nitrite + Nitrate as N)

 Suspected Sources:
 Agriculture; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Montgomery Creek 0.00 to 11.10 (11.1 miles)

Into Red River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Muddy Fork Little River 13.2 to 25.3 (12.1 miles)

Into Little River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 14.5 to 26.6.

Muddy Fork Little River 25.3 to 28.8 (3.45 miles)

Into Little River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Agriculture; Loss of Riparian Habitat

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Trigg County

Christian County

Christian County

Trigg County

North Fork Little River 0.0 to 0.3 (0.3 miles)

Into Little River

Christian County

Imp	aired Use: Warm Wat	er Aquatic Habitat (Nonsupport)
	Pollutant:	Nutrient/Eutrophication Biological Indicators
	Suspected Sources:	Agriculture
	Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Municipal Point Source Discharges
	Pollutant: Suspected Sources:	Sedimentation/Siltation Agriculture; Urban Runoff/Storm Sewers

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

North Fork of Little River 0.3 to 7.0 (6.7 miles)

Christian County

 Into Little River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources:
 Agriculture

 Pollutant:
 Organic Enrichment (Sewage) Biological Indicators

 Suspected Sources:
 Municipal Point Source Discharges

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

North Fork of Little River 7.0 to 10.9 (3.9 miles)

Into Little River

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources:
 Agriculture

 Pollutant:
 Organic Enrichment (Sewage) Biological Indicators

 Suspected Sources:
 Municipal Point Source Discharges

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

North Fork of Little River 10.9 to 16.2 (5.3 miles)

Christian County

Christian County

Into Little River

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources: Agriculture

 Pollutant:
 Organic Enrichment (Sewage) Biological Indicators

 Suspected Sources: Municipal Point Source Discharges

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources: Agriculture; Loss of Riparian Habitat; Urban Runoff/Storm Sewers

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

Pleasant Grove Creek 0.0	to 2.2 (2.2 miles)	Logan County
Into Red River of Cumberlar	nd River	
Impaired Use: Primary C	ontact Recreation Water (Nonsupport)	
Pollutant:	Fecal Coliform	
Suspected Sources	Grazing in Riparian or Shoreline Zones; Managed Pasture C Treatment Systems (Septic Systems and Similar Decentralized)	
Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources	Agriculture	
Pollutant:	Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources	Managed Pasture Grazing; On-site Treatment Systems (Sep and Similar Decentralized Systems)	otic Systems

KDOW awarded \$125,000 Section 319(h) Grant funds (FFY2005) to Austin Peay University and the Red River Watershed Association to develop and initiate implementation of a Watershed Plan in the Pleasant Grove Creek watershed. Also in 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

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

Red River 50.95 to 54.5 (3.55 miles)

Into Cumberland River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture Pollutant: Escherichia coli Suspected Sources: Agriculture

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 50.8 to 54.5.

Red River 54.5 to 56.9 (2.4 miles)

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Agriculture; Rural (Residential Areas) Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Rural (Residential Areas)

KDOW awarded \$125.000 Section 319(h) Grant funds (FFY2005) to Austin Peav University and the Red River Watershed Association to develop and initiate implementation of a Watershed Plan in the Pleasant Grove Creek watershed. Also in 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

Logan County

Logan County

Red River 57.0 to 65.8 (8.8 miles)

Into Cumberland River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture

Red River 65.8 to 74.3 (8.5 miles)

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Streambank Modifications/Destabilization

Red River 74.3 to 81.3 (7 miles)

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Sinking Fork 13.6 to 16.8 (3.2 miles)

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002. KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Sinking Fork 31.0 to 32.7 (1.7 miles)

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Logan County

Logan County

Simpson County

Christian County

Christian County

Sinking Fork Little River 2.1 to 5.55 (3.45 miles)

Into Little River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.2 to 5.6.

Skinframe Creek 0.0 to 4.8 (4.8 miles)

Into Livingston Creek Impaired Use: Cold Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Skinner Creek 0.0 to 5.9 (5.9 miles)

Into Casey Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.8.

Smith Branch 0.00 to 1.05 (1.05 miles)

Into South Fork Red River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Agriculture; Loss of Riparian Habitat **Trigg County**

Trigg County

Lyon County

Logan County

South Fork of Little River 0.0 to 10.3 (10.3 miles)

Into Little River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Municipal Point Source Discharges

Pollutant: Other Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

South Fork of Little River 10.3 to 20.3 (10 miles)

Into Little River

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

Pollutant: Other Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

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

South Fork of Little River 21.3 to 26.1 (4.8 miles)

Into Little River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Christian County

Christian County

Christian County

Spring Creek 3.0 to 3.5 (0.5 miles)

Into Livingston Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat

Sugar Creek 1.3 to 1.6 (0.6 miles)

Into Muddy Fork Little River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.0 to 1.4.

Sugar Creek 2.2 to 6.9 (4.7 miles)

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat; Non-Point Source

Upper Branch 0.0 to 2.8 (2.8 miles)

Into North Fork Little River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

UT of Cumberland River 0.10 to 2.20 (2.1 miles)

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Phosphorus (Total) Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

UT of Elk Fork Creek 0.0 to 4.8 (4.8 miles)

Into Elk Fork Creek

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown Livingston County

Christian County

Christian County

Livingston County

Lyon County

C-15

C-16

Tennessee-Mississippi-Cumberland Basin Management Unit Lower Cumberland River Basin Rivers

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

UT of West Fork Red River 0.00 to 6.0 (6 miles)

Into West Fork Red River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

UT to Dry Creek 0.0 to 2.9 (2.9 miles)

Into Dry Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

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

UT to Little Whippoorwill Creek 0.1 to 0.6 (0.5 miles)

		-ogan ooany
Into Little Whippoorwill Creek	k	
Impaired Use: Warm Wat	ter Aquatic Habitat (Nonsupport)	
Pollutant:	Nitrate/Nitrite (Nitrite + Nitrate as N)	
Suspected Sources:	Agriculture; Crop Production (Crop Land or Dry Land); Dairies Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Cro	
Pollutant: Suspected Sources:	Sedimentation/Siltation Agriculture; Channelization; Crop Production (Crop Land or Dr Dairies (Outside Milk Parlor Areas); Loss of Riparian Habitat; N Crop Production	
Pollutant: Suspected Sources:	Total Kjehldahl Nitrogen (TKN) Agriculture; Crop Production (Crop Land or Dry Land); Dairies Milk Parlor Areas); Loss of Riparian Habitat; Non-irrigated Cro	

Wallace Fork 0.00 to 3.0 (3 miles)

Into Muddy Fork of Little River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Agriculture; Loss of Riparian Habitat

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

Warrens Fork 0.0 to 3.5 (3.5 miles)

Into South Fork Little River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown Todd County

Trigg County

Logan County

Christian County

Christian County

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

West Fork Red River 14.75 to 26.8 (12.05 miles)

Christian County

Into Red River of Cumberland River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

White Creek 0.0 to 2.2 (2.2 miles)

Christian County

Into North Fork Little River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat; Non-Point Source

In 1999, the Little River watershed was selected as a Kentucky Clean Water Action Plan project for targeted nonpoint source control efforts by multiple agencies. From 1999 through 2002, KDOW awarded \$505,107 Section 319(h) Grant funds for efforts in the Little River watershed. In 2010, KDOW awarded \$42,900 Section 319(h) Grant funds to help develop a broad-based citizen group to focus on local water quality issues.

C.2 Lower Cumberland River Basin Freshwater Reservoirs

Hematite Lake (85 acres)

Into Long Creek (Lake Barkley)

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Source Unknown

Pollutant: Oxygen, Dissolved Suspected Sources: Source Unknown

The acres for this lake have been adjusted. The acres were formerly 90.0.

Trigg County

C.3 Mississippi River Basin Rivers

Bayou de Chien 0.0 to 4.2 (4.2 miles)

Fulton County

Into Obion Creek Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

KDOW awarded \$59,868 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Cane Creek watershed, a tributary upstream of this impaired segment of Bayou de Chien.

Bayou de Chien 8.8 to 14.3 (5.5 miles) Hickman County

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Copper

Suspected Sources: Municipal Point Source Discharges

Pollutant: Iron Suspected Sources: Municipal Point Source Discharges

Pollutant: Lead Suspected Sources: Municipal Point Source Discharges

KDOW awarded \$59,868 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Cane Creek watershed, a tributary upstream of this impaired segment of Bayou de Chien.

Brush Creek 0.0 to 6.3 (6.3 miles)

Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: **Total Dissolved Solids** Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Brush Creek 0.0 to 8.4 (8.4 miles)

Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Dredging (e.g., for Navigation Channels)

Caddle Creek 0.00 to 2.00 (2 miles)

Into Hurricane Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Agriculture

Graves County

Carlisle County

Hickman County

C-20

Tennessee-Mississippi-Cumberland Basin Management Unit Mississippi River Basin Rivers

Cane Creek 0.0 to 4.4 (4.4 miles) **Hickman County** Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Agriculture Pollutant: Sedimentation/Siltation Suspected Sources: Grazing in Riparian or Shoreline Zones; Non-irrigated Crop Production Cane Creek 0.0 to 5.3 (5.3 miles) **Hickman County** Into Bayou de Chien Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production Sedimentation/Siltation Pollutant: Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production KDOW awarded \$59,868 Section 319(h) Grant funds (FFY2002) to the Jackson Purchase RC&D, Inc. to develop a Watershed Plan for the Cane Creek watershed. Cane Creek 0.3 to 4.1 (3.8 miles) **Ballard County** Into Shawnee Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Source Unknown Gilbert Creek 1.7 to 3.5 (1.8 miles) **Graves County** Into Mayfield Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Sedimentation/Siltation Pollutant: Suspected Sources: Loss of Riparian Habitat Goose Creek 0.0 to 4.4 (4.4 miles) **Graves County** Into Wilson Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat

Caldwell Creek 0.0 to 3.0 (3 miles)

Into Terrapin Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat

Graves County

Hazel Creek 0.0 to 3.7 (3.7 miles)	Ballard County
Into Axe Lake (Wetland Ponds)	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Nutrient/Eutrophication Biological Indicators	
Suspected Sources: Source Unknown	
Pollutant: Sedimentation/Siltation Suspected Sources: Channelization	
Hurricane Creek 0.0 to 3.7 (3.7 miles)	Carlisle County
Into Obion Creek	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Sedimentation/Siltation	(New construction Deleted):
Suspected Sources: Channelization; Highway/Road/Bridge Runofi Loss of Riparian Habitat; Non-irrigated Crop I	
Key Creek 0.0 to 1.9 (1.9 miles)	Graves County
Into Mayfield Creek	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Cause Unknown	
Suspected Sources: Source Unknown	
Knob Creek <u>1.4 to 3.1 (1.7 miles)</u>	Graves County
Into Blackmore Creek	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Crop Production (Crop Land or Dry Land)	
The river miles for this segment have been changed to reflect the National segment was formerly 1.3 to 3.0.	Hydrography Data Set. This
Lick Creek 0.0 to 2.2 (2.2 miles)	Carlisle County
Into Heflin Creek	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Nutrient/Eutrophication Biological Indicators	
Suspected Sources: Crop Production (Crop Land or Dry Land)	
Pollutant: Oil and Grease	
Suspected Sources: Source Unknown	
Little Bayou de Chien 0.0 to 1.3 (1.3 miles)	Hickman County
Into Bayou de Chien	· · · · · · · · · · · · · · · · · · ·
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Agriculture; Loss of Riparian Habitat	
Little Bayou de Chein 10.0 to 12.3 (2.3 miles)	Fulton County
Into Bayou de Chien	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Sedimentation/Siltation	

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

C-22

Tennessee-Mississippi-Cumberland Basin Management Unit Mississippi River Basin Rivers

Little Creek 0.0 to 5.3 (5.3 miles) **Hickman County**

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat

Little Cypress Creek 0.0 to 2.0 (2 miles)

Into Obion Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Source Unknown

Little Cypress Creek 0.0 to 3.6 (3.6 miles)

Into Cypress Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production

Little Mayfield Creek 0.0 to 10.6 (10.6 miles)

Into Mayfield Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Little Mud Creek 0.0 to 1.95 (1.95 miles)

Into Bayou de Chien Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Non-irrigated Crop Production Pollutant: Sedimentation/Siltation

Suspected Sources: Non-irrigated Crop Production

Mayfield Creek 1.7 to 5.0 (3.3 miles)

Into Mississippi River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.2 to 5.5.

Carlisle County

Hickman County

Graves County

Fulton County

Graves County

Mayfield Creek 10.65 to 16.0 (5.35 miles)

Into Mississippi River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture; Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Copper Suspected Sources: Source Unknown

Pollutant: Iron Suspected Sources: Source Unknown

Pollutant: Lead Suspected Sources: Source Unknown

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture

Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 11.1 to 16.5.

Mayfield Creek 16.0 to 35.7 (19.7 miles)

Into Mississippi River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 16.5 to 35.7.

Mayfield Creek 35.7 to 37.7 (2.0 miles)

Into Mississippi River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization

Mayfield Creek 37.7 to 40.4 (2.7 miles)

Into Mississippi River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Rural (Residential Areas)

Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture, Loss of Riparian Habitat

Carlisle County

McCracken County

Graves County

Graves Countv

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 38.2 to 40.8.

The Unknown listing on the 2010 303(d) report has been more correctly identified as Nutrient/Eutrophication Biological Indicators and Sedimentation/Siltation.

Mayfield Creek 40.4 to 43.3 (2.9 miles)

Into Mississippi River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Sedimentation/Siltation Pollutant: Suspected Sources: Channelization; Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 40.8 to 43.7.

Mayfield Creek 51.65 to 59.5 (7.85 miles)

Into Mississippi River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Phosphorus (Total) Suspected Sources: Agriculture; Loss of Riparian Habitat

Mayfield Creek 59.5 to 61.9 (2.4 miles)

Into Mississippi River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Sedimentation/Siltation Pollutant: Suspected Sources: Crop Production (Crop Land or Dry Land)

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 59.6 to 62.3.

Mud Creek 0.0 to 7.8 (7.8 miles)

Into Bayou de Chien Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Obion Creek 1.35 to 16.25 (14.9 miles)

Into Mississippi River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron

Suspected Sources: Source Unknown

Pollutant: Lead Suspected Sources: Source Unknown

Pollutant: Oxygen, Dissolved Suspected Sources: Source Unknown

Hickman County

Fulton County

Graves County

Graves County

Calloway County

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Impacts from Hydrostructure Flow Regulation/Modification; Loss of Riparian Habitat; Non-irrigated Crop Production

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 16.2.

Obion Creek 33.25 to 36.55 (3.3 miles)

Hickman County

Into Bayou de Chien

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:Sedimentation/SiltationSuspected Sources:Upstream/Downstream Source

KDOW awarded \$234,676 of Section 319(h) Grant funds (FFY 1999) to the Jackson Purchase Foundation for restoration of stream channel dimensions, flow patterns and profile to those of the natural stream flow conditions of a 6,000 foot segment of Obion Creek. An additional \$65,866 for this project was funded by the Fees In-Lieu of (FILO) Mitigation Program administered by the Kentucky Department of Fish and Wildlife Resources.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 31.9 to 35.2.

Obion Creek 41.0 to 44.4 (3.4 miles)

Hickman County

Hickman County

Into Mississippi River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Channelization; Source Unknown

KDOW awarded \$234,676 of Section 319(h) Grant funds (FFY 1999) to the Jackson Purchase Foundation for restoration of stream channel dimensions, flow patterns and profile to those of the natural stream flow conditions of a 6,000 foot segment of Obion Creek. An additional \$65,866 for this project was funded by the Fees In-Lieu of (FILO) Mitigation Program administered by the Kentucky Department of Fish and Wildlife Resources.

In 2009, KDOW awarded \$131,172 of Section 319(h) Grant (FFY 2005) funds to the Jackson Purchase Foundation for restoration of stream channel dimensions, flow patterns and profile to those of natural stream flow conditions of Little Joe Creek, a tributary of Obion Creek. An additional \$506,375.80 has been provided by Fees-In-Lieu of (FILO) Mitigation Program administered by the Kentucky Department of Fish and Wildlife, and \$102,000 by the Kentucky Transportation Cabinet through Transportation Easement Act funds to restore stream channel dimensions, flow patterns and profile to those of natural flow conditions of 9,000 feet of Obion Creek.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 39.65 to 43.1.

Obion Creek 44.4 to 49.9 (5.5 miles)

Into Mississippi River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 43.1 to 48.6.

Obion Creek 49.9 to 55.7 (5.8 miles)	Graves County
Into Mississippi River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown	
Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture	
The river miles for this segment have been changed to reflect the National Hydrography segment was formerly 48.6 to 54.4.	Data Set. This
Opossum Creek 0.0 to 2.3 (2.3 miles)	Graves County
Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization	
Relict (Natural Channel) Mayfield Creek 17.4 to 20.4 (3 miles)	Carlisle County
Into Mayfield Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture	
Running Slough 0.3 to 15.7 (15.4 miles)	Fulton County
Into Obion River (Reelfoot Lake) Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land)	
Pollutant: Turbidity Suspected Sources: Crop Production (Crop Land or Dry Land)	
The river miles for this segment have been changed to reflect the National Hydrography segment was formerly 0.0 to 16.2.	Data Set. This
Shawnee Creek 0.0 to 3.2 (3.2 miles) Into Shawnee Creek Slough Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform	Ballard County
Pollutant: Fecal Coliform Suspected Sources: Municipal Point Source Discharges	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Municipal Point Source Discharges; Package Plant or Othe Small Flows Discharges	er Permitted
Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Municipal Point Source Discharges; Package Plant or Othe Small Flows Discharges	er Permitted

Pollutant: Suspected Sources	Sedimentation/Siltation : Agriculture; Channelization; Loss of Riparian Habitat; Natur	al Sources
Pollutant:		Ballard County
<u>Shawnee Creek Slough 0.</u> Into Twin Lake Impaired Use: Warm Wa Pollutant: Suspected Sources	ater Aquatic Habitat (Nonsupport) Iron	Ballard County
Pollutant: Suspected Sources	Lead : Source Unknown	
Pollutant: Suspected Sources	Nutrient/Eutrophication Biological Indicators : Crop Production (Crop Land or Dry Land); Other Recreation Sources	nal Pollution
Pollutant: Suspected Sources	Organic Enrichment (Sewage) Biological Indicators : Crop Production (Crop Land or Dry Land); Other Recreation Sources	nal Pollution
Pollutant:	hien 0.0 to 2.0 (2 miles) ater Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators : Agriculture; Channel Erosion/Incision from Upstream Hydro Crop Production (Crop Land or Dry Land); Loss of Riparian	
Pollutant: Suspected Sources	Sedimentation/Siltation : Agriculture; Channel Erosion/Incision from Upstream Hydro Crop Production (Crop Land or Dry Land); Dredging (e.g., for Channels); Impacts from Hydrostructure Flow Regulation/M of Riparian Habitat	or Navigation
Pollutant:	en 2.0 to 7.4 (5.4 miles) ater Aquatic Habitat (Nonsupport) Sedimentation/Siltation : Crop Production (Crop Land or Dry Land)	Graves County

Sugar Creek 0.0 to 1.3 (1.3 miles) Into Mayfield Creek

no maynelu Creek	
Impaired Use: Warm Wa	ater Aquatic Habitat (Partial Support)
Pollutant:	Sedimentation/Siltation
Suspected Sources	: Loss of Riparian Habitat

Ballard County

UT of Obion Creek 0.9 to 7.7 (6.8 miles)

Terrapin Creek 2.8 to 6.9 (4.1 miles)

Into North Fork Obion River (TN)

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

UT of UT of Little Bayou de Chien 0.00 to 0.85 (0.85 miles)

UT of West Fork Mayfield Creek 0.00 to 3.00 (3 miles)

Into West Fork Mayfield Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown

UT to Brush Creek 0.0 to 1.9 (1.9 miles)

Into Brush Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Phosphorus (Total) Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat: Non-irrigated Crop Production Pollutant: Total Kjehldahl Nitrogen (TKN) Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Non-irrigated Crop Production

Tennessee-Mississippi-Cumberland Basin Management Unit Mississippi River Basin Rivers

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 2.7 to 6.0. **Carlisle County** Truman Creek 3.2 to 4.1 (0.9 miles) Into Mayfield Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat **Hickman County** Into Obion Creek Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat **Fulton County** Into UT to Little Bayou de Chien Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nitrogen (Total) Suspected Sources: Animal Feeding Operations (NPS) Pollutant: Phosphorus (Total) Suspected Sources: Animal Feeding Operations (NPS) **Carlisle County** Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat **Hickman County**

Graves County

C-29

Tennessee-Mississippi-Cumberland Basin Management Unit Mississippi River Basin Rivers

McCracken County

Pollutant: Sedimentation/Siltation	
Suspected Sources: Agriculture	
UT to Mayfield Creek 1.1 to 3.5 (2.4 miles) Into Mayfield Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture	Graves County
UT to Mud Creek 0.0 to 2.2 (2.2 miles) Into Mud Creek	Fulton County
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N) Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land Loss of Riparian Habitat; Non-irrigated Crop Production	or Dry Land);
Pollutant: Oxygen, Dissolved Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land Loss of Riparian Habitat; Non-irrigated Crop Production	or Dry Land);
Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land Loss of Riparian Habitat; Non-irrigated Crop Production	or Dry Land);
UT to Obion Creek 1.6 to 2.2 (0.6 miles)	Hickman County
	Hickman County
UT to Obion Creek 1.6 to 2.2 (0.6 miles) Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown	Hickman County
UT to Obion Creek 1.6 to 2.2 (0.6 miles) Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown	
UT to Obion Creek 1.6 to 2.2 (0.6 miles) Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown	Hickman County Graves County
UT to Obion Creek 1.6 to 2.2 (0.6 miles) Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown UT to Vulton Creek 0.00 to 2.45 (2.45 miles) Into Vulton Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
UT to Obion Creek 1.6 to 2.2 (0.6 miles) Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown UT to Vulton Creek 0.00 to 2.45 (2.45 miles) Into Vulton Creek	Graves County
UT to Obion Creek 1.6 to 2.2 (0.6 miles) Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown UT to Vulton Creek 0.00 to 2.45 (2.45 miles) Into Vulton Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Loss of R Whayne Branch 1.0 to 8.15 (7.15 miles)	Graves County
UT to Obion Creek 1.6 to 2.2 (0.6 miles) Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown UT to Vulton Creek 0.00 to 2.45 (2.45 miles) Into Vulton Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Loss of R Whayne Branch 1.0 to 8.15 (7.15 miles) Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nitrogen (Total)	Graves County iparian Habitat
UT to Obion Creek 1.6 to 2.2 (0.6 miles) Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown UT to Vulton Creek 0.00 to 2.45 (2.45 miles) Into Vulton Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Agriculture; Animal Feeding Operations (NPS); Loss of R Whayne Branch 1.0 to 8.15 (7.15 miles) Into Obion Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	Graves County iparian Habitat

UT to Mayfield Creek 0.0 to 1.0 (1 miles) Into Mayfield Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Wilson Creek 0.0 to 2.15 (2.15 miles)

Carlisle County

Into Mayfield Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron Suspected Sources: Source Unknown

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

C.4 Ohio River Basin Rivers

Pollutant:

Bayou Creek 0.0 to 11.4 (11.4 miles)

McCracken County

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Beta particles and photon emitters

Pollutant:Beta particles and photon emittersSuspected Sources:Inappropriate Waste Disposal; Industrial Point Source DischargePollutant:CopperSuspected Sources:Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Gross Alpha

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Mercury Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation Suspected Sources: Non-irrigated Crop Production

Lead

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.5 to 11.9.

Clanton Creek 0.0 to 4.9 (4.9 miles)

Into Humphrey Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Humphrey Creek 0.0 to 3.4 (3.4 miles)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.7.

Ballard County

Ballard County

Humphrey Creek 3.4 to 11.2 (7.8 miles)

Into Ohio River

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 3.7 to 11.6.

Little Bayou Creek 0.0 to 7.2 (7.2 miles)

Into Bayou Creek

Impaired Use: Fish Consumption (Nonsupport)

Pollutant: PCB in Fish Tissue

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Beta particles and photon emitters Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Cause Unknown

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Copper

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Gross Alpha

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

Pollutant: Lead

Suspected Sources: Inappropriate Waste Disposal; Industrial Point Source Discharge

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

Massac Creek 3.9 to 4.4 (0.5 miles)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.1 to 4.7.

Middle Fork of Massac Creek 0.0 to 6.4 (6.4 miles)

Into Massac Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nitrate/Nitrite (Nitrite + Nitrate as N) Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)

Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land) Ballard County

McCracken County

McCracken County

McCracken County

C-33

Tennessee-Mississippi-Cumberland Basin Management Unit Ohio River Basin Rivers

Newtons Creek 0.0 to 7.85 (7.85 miles)

Into Ohio River

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

Suspected Sources: Agriculture

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.3 to 8.2.

UT of Middle Fork Massac Creek 0.00 to 2.90 (2.9 miles)

Into Middle Fork Massac Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat

UT to Massac Creek 0.0 to 1.7 (1.7 miles)

Into Massac Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown McCracken County

McCracken County

McCracken County

Tennessee-Mississippi-Cumberland Basin Management Unit Ohio River Basin Freshwater Reservoirs

C.5 Ohio River Basin Freshwater Reservoirs

Fish Lake (27 acres)

Ballard County

McCracken County

Into Ohio River Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Metropolis Lake (36 acres)

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Nutrient/Eutrophication Biological IndicatorsSuspected Sources:Internal Nutrient Recycling; Non-irrigated Crop Production; Rural
(Residential Areas); Shallow Lake/Reservoir BasinPollutant:Oxygen, Dissolved
Suspected Sources:Internal Nutrient Recycling; Non-irrigated Crop Production; Rural
(Residential Areas); Shallow Lake/Reservoir Basin

Rivers

C.6 Tennessee River Basin Rivers

Angle Creek 0.0 to 0.8 (0.8 miles) Marshall County Into Barrett Branch Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown Bear Creek 0.6 to 1.6 (1 miles) **Graves County** Into West Fork Clarks River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Municipal Point Source Discharges Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Ammonia (Un-ionized) Suspected Sources: Municipal Point Source Discharges Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Municipal Point Source Discharges Bear Creek 4.0 to 7.2 (3.2 miles) Marshall County

Into Tennessee River (Kentucky Lake)

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Calloway County

Bee Creek 0.0 to 0.7 (0.7 miles)

Into Clarks River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Municipal Point Source Discharges

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

Pollutant: Sedimentation/Siltation Suspected Sources: Source Unknown

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

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

Rivers

Rivers		
Blizzard Ponds Drainage Canal 0.0 to 3.7 (3.7 miles)	McCracken County	
Into West Fork Clarks River		
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Simi Systems); Package Plant or Other Permitted Small Flo (Residential Areas); Sand/Gravel/Rock Mining or Qua	ows Discharges; Rural	
Pollutant: Sedimentation/Siltation Suspected Sources: Channel Erosion/Incision from Upstream Hydromodific Channelization; Loss of Riparian Habitat; Sand/Gravel Quarries		
Camp Creek 0.0 to 5.4 (5.4 miles)Into West Fork Clarks RiverImpaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Cause UnknownSuspected Sources: Source Unknown	McCracken County	
Pollutant: Other Suspected Sources: Source Unknown		
Champion Creek 0.0 to 1.5 (1.5 miles) Into Island Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Site Clearance (Land Development or Redevelopment)	McCracken County	
Chestnut Creek 0.0 to 3.0 (3 miles)	Marshall County	
Into Clarks River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown Pollutant: Other	·	
Suspected Sources: Source Unknown		
Pollutant: Oxygen, Dissolved Suspected Sources: Source Unknown		
KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Ja Foundation to develop and implement a Watershed Plan for the Upper Clarks River impaired segment was identified during the watershed planning process as one of t best management practices to be installed during the restoration process.	watershed. This	
Clarks River 4.9 to 13.1 (8.2 miles)	McCracken County	
Into Tennessee River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown		

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 5.0 to 13.2.

Rivers

Clarks River 13.1 to 20.5 (7.4 miles)

Into Tennessee River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron Suspected Sources: Source Unknown Pollutant: Lead Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 13.2 to 20.6.

Clarks River 34.8 to 42.6 (7.8 miles)

Into Tennessee River	
Impaired Use: Warm Wat	ter Aquatic Habitat (Partial Support)
Pollutant:	Nitrate/Nitrite (Nitrite + Nitrate as N)
Suspected Sources:	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization
Pollutant: Suspected Sources:	Phosphorus (Total) Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization
Pollutant: Suspected Sources:	Sedimentation/Siltation Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Streambank Modifications/Destabilization

Clarks River 51.8 to 55.1 (3.3 miles)

Calloway County

Into Tennessee River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 50.9 to 55.6.

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

Clarks River 55.6 to 64.7 (9.1 miles)

Calloway County

Into Tennessee River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

McCracken County

Marshall County

Rivers

Clarks River 64.7 to 66.8 (2.1 miles)

Into Tennessee River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

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

Clayton Creek 0.75 to 3.3 (2.55 miles)

Into Clarks River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Pollutant: Phosphorus (Total) Suspected Sources: Agriculture

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

In 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

Clayton Creek 3.3 to 7.7 (4.4 miles)

Calloway County

Into Clarks River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Rural (Residential Areas) Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Loss of Riparian Habitat

KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed. This impaired segment was identified during the watershed planning process as one of the critical areas for best management practices to be installed during the restoration process.

In 2009, KDOW awarded \$303,900 to the KY Division of Conservation to assess the success of the KY Agriculture Water Quality Act (AWQA) and provide focused assistance and expertise to this watershed for AWQA compliance.

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

Calloway County

Calloway County

Rivers

Clear Creek 0.7 to 3.1 (2.4 miles)

Into Jonathan Creek (Kentucky Lake)

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Non-irrigated Crop Production

Sedimentation/Siltation Pollutant: Suspected Sources: Non-irrigated Crop Production

Cypress Creek 0.1 to 6.2 (6.1 miles)

Into Tennessee River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron Suspected Sources: Industrial Point Source Discharge; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.1 to 6.3.

Cypress Creek 6.2 to 7.7 (1.5 miles)

Into Tennessee River	
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	Source Unknown
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Source Unknown
Pollutant: Suspected Sources:	Sedimentation/Siltation Loss of Riparian Habitat; Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 6.3 to 7.7.

Cypress Creek 7.7 to 9.7 (2 miles)

Into Tennessee River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Cause Unknown Pollutant: Suspected Sources: Source Unknown

Farley Branch 0.0 to 2.2 (2.2 miles)

Into Middle Fork Clarks River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture

KDOW awarded \$545.270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jackson Purchase Foundation to develop and implement a Watershed Plan for the Upper Clarks River watershed.

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

Calloway County

Marshall County

Marshall County

Marshall County

Marshall County

Rivers

Guess Creek 0.0 to 2.6 (2.6 miles)

Into Tennessee River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Haskell Branch 1.2 to 4.5 (3.3 miles)

Into Spring Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture

Island Creek 0.0 to 5.7 (5.7 miles)

Into Tennessee River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.6.

Island Creek 5.7 to 10.1 (4.4 miles)

Into Tennessee River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 5.6 to 10.3.

Jonathan Creek 7.3 to 10.6 (3.3 miles)

Into Tennessee River (Kentucky Lake) Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

KDOW awarded \$132,300 Section 319(h) Grant funds (FFY2000) to the Jackson Purchase Foundation to design, install and demonstrate a decentralized wastewater treatment system for over 170 homes in the community of Pirates Cove in the Jonathan Creek watershed.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.4 to 10.9.

Little Bee Creek 0.0 to 2.15 (2.15 miles)

Into Bee Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Salinity Suspected Sources: Source Unknown

McCracken County

Marshall County

Data Cat This

Calloway County

Livingston County

Graves County

McCracken County

Tennessee-Mississippi-Cumberland Basin Management Unit Tennessee River Basin Rivers

Little Cypress Creek 0.0 to 3.4 (3.4 miles) Into Cypress Creek Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Source Unknown	Marshall County
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown	
Little Cypress Creek 3.4 to 6.0 (2.6 miles) Into Cypress Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown	Marshall County
Middle Fork Clarks River 2.7 to 4.8 (2.1 miles) Into Clarks River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture Pollutant: Sedimentation/Siltation	Calloway County
Suspected Sources: Agriculture KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jacks Foundation to develop and implement a Watershed Plan for the Upper Clarks River wa See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
Middle Fork Creek 0.2 to 6.0 (5.8 miles) Into Clarks River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat; Source Unknown	Marshall County
Panther Creek 0.0 to 3.1 (3.1 miles)Into West Fork Clarks RiverImpaired Use: Primary Contact Recreation Water (Nonsupport)Pollutant:Escherichia coliSuspected Sources: Source Unknown	Graves County
Reeves Branch 0.0 to 0.3 (0.3 miles) Into Sugar Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown	Marshall County

Tennessee-Mississippi-Cumberland Basin Management Unit Tennessee River Basin

Rivers	
Spring Creek 0.0 to 2.0 (2 miles) Into West Fork Clarks River	Graves County
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Nutrient/Eutrophication Biological Indicators	
Suspected Sources: Agriculture	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Agriculture; Channelization	
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
<u>Spring Creek 3.6 to 5.4 (1.8 miles)</u>	Graves County
Into West Fork Clarks River	,
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Agriculture	
<u>Turkey Creek 0.0 to 3.4 (3.4 miles)</u>	Graves County
Into Spring Creek	•
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Agriculture	
UT of Middle Fork Clarks River 0.00 to 1.3 (1.3 miles)	Calloway County
Into Middle Fork Clarks River	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Cause Unknown	
Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat	
KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Jack Section 319(h) Grant funds (F	
Foundation to develop and implement a Watershed Plan for the Upper Clarks Rive	r watersned.
UT to Clarks River 0.0 to 3.3 (3.3 miles)	Calloway County
Into Clarks River	Canonay County
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Nutrient/Eutrophication Biological Indicators	
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream	Hydromodifications:
Channelization; Crop Production (Crop Land or Dry Li	
Surface/Parking Lot Runoff; Municipal (Urbanized Hig	
irrigated Crop Production; Urban Runoff/St	in Density Area), Non
Pollutant: Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream	
Channelization; Crop Production (Crop Land or Dry La	
Surface/Parking Lot Runoff; Municipal (Urbanized Hig	in Density Area); Non-
irrigated Crop Production; Urban Runoff/St	
Pollutant: Oxygen, Dissolved	
Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream	Hydromodifications:
Channelization; Crop Production (Crop Land or Dry La	
Surface/Parking Lot Runoff; Municipal (Urbanized Hig	
irrigated Crop Production; Urban Runoff/St	- /

Tennessee-Mississippi-Cumberland Basin Management Unit Tennessee River Basin Rivers

Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channel Erosion/Incision from Upstr Channelization; Crop Production (Crop Land or I Surface/Parking Lot Runoff; Municipal (Urbanize irrigated Crop Production; Urban Runoff/St	Dry Land); Impervious d High Density Area); Non-
KDOW awarded \$545,270 Section 319(h) Grant funds (FFY 2002 & 2007) to the Foundation to develop and implement a Watershed Plan for the Upper Clarks	
<u>UT to Old Beaver Dam Slough 0.0 to 0.5 (0.5 miles)</u> Into Old Beaver Dam Slough Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown	Marshall County
UT to UT to Tennessee River (Kentucky Lake) 0.15 to 0.8 (0.65Into UT to Tennessee River (Kentucky Lake)Impaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:Cause UnknownSuspected Sources: Off-road Vehicles; Silviculture Harvesting	Calloway County
West Fork of Clarks River 0.0 to 10.35 (10.35 miles) Into Clarks River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Agriculture, Urban Runoff/Storm Sewers	McCracken County
Pollutant: Escherichia coli Suspected Sources: Agriculture, Urban Runoff/Storm Sewers	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Copper Suspected Sources: Source Unknown	
Pollutant: Copper Suspected Sources: Source Unknown	
Pollutant: Iron Suspected Sources: Source Unknown	
Pollutant: Iron Suspected Sources: Source Unknown	
Pollutant: Lead Suspected Sources: Source Unknown	
Pollutant: Lead Suspected Sources: Source Unknown	

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 10.4.

Tennessee-Mississippi-Cumberland Basin Management Unit Tennessee River Basin Rivers

West Fork of Clarks River 20.1 to 28.35 (8.25 miles)

Into Clarks River

Marshall County

Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 20.1 to 28.4.

The Methylmercury listing on the 2010 303(d) report has been more correctly identified as Mercury in Fish Tissue.

West Fork of Clarks River (Relict Channel) 19.7 to 22.7 is no longer hydrologically connected to the canalized West Fork of Clark's River and was removed from the 303(d) List. This is now the same segment as listed above.

West Fork of Clarks River (Relict Channel) 0.0 to 11.1 (11.1 miles)

Graves County

Into West Fork Clarks River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Into Stinking Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Chloride Suspected Sources: Petroleum/Natural Gas Activities Pollutant: Sedimentation/Siltation Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Ri Habitat; Petroleum/Natural Gas Activities Pollutant: Specific Conductance Suspected Sources: Petroleum/Natural Gas Activities Allen Creek 0.0 to 4.15 (4.15 miles) Into Marrowbone Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat Alum Cave Branch 1.7 to 3.60 (1.9 miles) Jackson Into Laurel Fork Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat	
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Ri Habitat; Petroleum/Natural Gas Activities Pollutant: Specific Conductance Suspected Sources: Petroleum/Natural Gas Activities Allen Creek 0.0 to 4.15 (4.15 miles) Cumberland Into Marrowbone Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat Alum Cave Branch 1.7 to 3.60 (1.9 miles) Jackson Into Laurel Fork Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat Bark Camp Creek 0.1 to 3.8 (3.7 miles) Whitley Into South Fork Cumberland River Impaired Use: Cold Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown	County
Suspected Sources: Petroleum/Natural Gas Activities Allen Creek 0.0 to 4.15 (4.15 miles) Cumberland Into Marrowbone Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat Jackson Alum Cave Branch 1.7 to 3.60 (1.9 miles) Jackson Into Laurel Fork Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat Jackson Into Laurel Fork Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat Whitley Bark Camp Creek 0.1 to 3.8 (3.7 miles) Whitley Into South Fork Cumberland River Impaired Use: Cold Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown	oarian
Into Marrowbone Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat Alum Cave Branch 1.7 to 3.60 (1.9 miles) Jackson Into Laurel Fork Jackson Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat Whitley Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat Whitley Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat Whitley Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat Whitley Into South Fork Cumberland River Impaired Use: Cold Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown	
Into Laurel Fork Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Loss of Riparian Habitat Bark Camp Creek 0.1 to 3.8 (3.7 miles) Whitley Into South Fork Cumberland River Impaired Use: Cold Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown	County
Into South Fork Cumberland River Impaired Use: Cold Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown	County
Pollutant: Sedimentation/Siltation	County
Beaver Creek 17.4 to 17.7 (0.3 miles) Wayne Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Wayne Pollutant: Cause Unknown Suspected Sources: Source Unknown Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Municipal Point Source Discharges Pollutant: Organic Enrichment (Sewage) Biological Indicators	County

Buck Creek watershed. In 2010, KDOW awarded \$487,919 Section 319(h) Grant funds to the Pulaski

Impacts from Hydrostructure Flow Regulation/Modification: Livestock

(Grazing or Feeding Operations); Loss of Riparian Habitat

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Source Unknown Total Suspended Solids (TSS) Pollutant: Suspected Sources: Source Unknown

Bennetts Fork of Yellow Creek Bypass 0.0 to 3.2 (3.2 miles)

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

County Conservation District to develop a Watershed Plan for the Brushy Creek watershed.

BeeLick Creek 7.5 to 10.9 (3	<u>3.4 miles)</u>	Lincoln C
Into Brushy Creek		
Impaired Use: Warm Wate	er Aquatic Habitat (Partial Support)	
Pollutant:	Nitrate/Nitrite (Nitrite + Nitrate as N)	
·	Agriculture; Highway/Road/Bridge Runoff (Non-construction Impacts from Hydrostructure Flow Regulation/Modification; I (Grazing or Feeding Operations); Loss of Riparian Habitat	<i>,</i> ·
	Sedimentation/Siltation Agriculture; Highway/Road/Bridge Runoff (Non-construction	Related);

Tennessee-Mississippi-Cumberland Basin Management Unit Upper Cumberland River Basin Rivers

The river miles for this segment have been changed to more accurately reflect the National Hydrography

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Cause Unknown Pollutant: Suspected Sources: Surface Mining

Impaired Use: Primary Contact Recreation Water (Partial Support)

Impaired Use: Secondary Contact Recreation Water (Partial Support)

pН

Pollutant:

Pollutant:

Beaver Creek 17.7 to 35.5 (17.8 miles)

Data Set. This segment was formerly16.6 to 34.5.

Into Cumberland River

Into Jellico Creek

Pollutant:

Pollutant:

Pollutant:

Becks Creek 0.0 to 4.0 (4 miles)

Suspected Sources: Surface Mining

Sedimentation/Siltation Suspected Sources: Surface Mining

. _ _

Suspected Sources: Surface Mining

рΗ

рΗ

Suspected Sources: Surface Mining

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Suspected Sources: Petroleum/Natural Gas Activities

Specific Conductance

Into Yellow Creek Bypass

Beel

C-46

Wayne County

Whitley County

. . . County

Bell County

Bens Fork 0.0 to 2.2 (2.2 miles)	
	Bell County
Into Little Clear Creek	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Specific Conductance	
Suspected Sources: Coal Mining	
Pollutant: Total Dissolved Solids	
Suspected Sources: Coal Mining	
Big Clifty Creek 4.7 to 6.7 (2 miles)	Pulaski County
Into Lake Cumberland	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Cause Unknown	
Suspected Sources: Municipal Point Source Discharges	
Big Indian Creek 0.0 to 5.6 (5.6 miles)	Knox County
Into Cumberland River	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Sedimentation/Siltation	N
Suspected Sources: Non-irrigated Crop Production; Site Clearance (Land I	Development or
Redevelopment)	
Big Renox Creek 0.0 to 5.8 (5.8 miles)	Cumberland County
Into Cumberland River	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Cause Unknown	
Suspected Sources: Source Unknown	
Board Branch 0.5 to 1.8 (1.3 miles)	Harlan County
Into Martins Fork (Reservoir)	
Impaired Use: Primary Contact Recreation Water (Nonsupport)	
Pollutant: pH	
Pollutant: pH	
Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH	
Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Secondary Contact Recreation Water (Nonsupport)	
Pollutant:pHSuspected Sources:Impacts from Abandoned Mine Lands (Inactive)Impaired Use:Secondary Contact Recreation Water (Nonsupport)Pollutant:pHSuspected Sources:Impacts from Abandoned Mine Lands (Inactive)	
Pollutant:pHSuspected Sources:Impacts from Abandoned Mine Lands (Inactive)Impaired Use:Secondary Contact Recreation Water (Nonsupport)Pollutant:pHSuspected Sources:Impacts from Abandoned Mine Lands (Inactive)Impaired Use:Warm Water Aquatic Habitat (Nonsupport)	
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Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impaired Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Briary Creek 0.0 to 4.4 (4.4 miles)	Pulaski County
Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Briary Creek 0.0 to 4.4 (4.4 miles) Into Buck Creek	Pulaski County
Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Briary Creek 0.0 to 4.4 (4.4 miles) Into Buck Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support)	Pulaski County
Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Briary Creek 0.0 to 4.4 (4.4 miles) Into Buck Creek Impaired Use: Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation	
Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Briary Creek 0.0 to 4.4 (4.4 miles) Into Buck Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Dredge Mining; Non-irrigated Crop Production; Other	
Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Briary Creek 0.0 to 4.4 (4.4 miles) Into Buck Creek Impaired Use: Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation	
Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Briary Creek 0.0 to 4.4 (4.4 miles) Into Buck Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Dredge Mining; Non-irrigated Crop Production; Other	Recreational Pollution
Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Briary Creek 0.0 to 4.4 (4.4 miles) Into Buck Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Dredge Mining; Non-irrigated Crop Production; Other Sources KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski Coconservation District to implement BMPs to protect and restore water quality condition	Recreational Pollution
Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Briary Creek 0.0 to 4.4 (4.4 miles) Into Buck Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Dredge Mining; Non-irrigated Crop Production; Other Sources KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski Communication (FFY2005)	Recreational Pollution
Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Briary Creek 0.0 to 4.4 (4.4 miles) Into Buck Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Dredge Mining; Non-irrigated Crop Production; Other Sources KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski Coconservation District to implement BMPs to protect and restore water quality condition	Recreational Pollution

Rivers

Brush Creek 0.0 to 3.5 (3.5 miles)

Into Cumberland River	
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)
Pollutant:	Sedimentation/Siltation
	mpacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Silviculture Harvesting; Streambank Modifications/Destabilization; Surface Mining
	Turbidity Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Sand/Gravel/Rock Mining or Quarries; Surface Mining
Buck Crook 15 6 to 53 0 (7	1 miles) Pulaski County

Buck Creek 45.6 to 53.0 (7.4 miles)

Into Cumberland River Impaired Use: Fish Consumption (Partial Support) Pollutant: Methylmercury Suspected Sources: Source Unknown

KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed.

Bull Run 0.0 to 3.7 (3.7 miles)

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Legacy Coal Extraction; Loss of Riparian Habitat

Cane Creek 0.0 to 4.4 (4.4 miles)

Into Clear Fork of Cumberland River

Impaired Use: War	m Water Aquatic Habitat (Nonsupport)
Pollutant:	Oxygen, Dissolved
Suspected So	urces: Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/modification; Loss of Riparian Habitat; Residential Districts
Pollutant: Suspected So	Sedimentation/Siltation urces: Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Hydrostructure Flow Regulation/modification; Loss of Riparian Habitat;

Cannon Creek 0.0 to 1.8 (1.8 miles)

Into Yellow Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation Suspected Sources: Dredging (e.g., for Navigation Channels); Loss of Riparian Habitat

Residential Districts

Catron Creek 0.0 to 8.9 (8.9 miles)

Into Martins Fork Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Specific Conductance Suspected Sources: Coal Mining; Non-Point Source

Pulaski County

Knox County

Whitley County

Knox County

Bell County

Harlan County

Rivers	
Clear Fork 17.0 to 19.4 (2.4 miles)	Whitley County
Into Cumberland River	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Loss of Riparian Habitat; Surface Mining	
Pollutant: Specific Conductance	
Suspected Sources: Loss of Riparian Habitat; Surface Mining	
lover Fork <u>9.2 to 15.5 (6.3 miles)</u>	Harlan County
nto Cumberland River	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Source Unknown; Surface Mining	
lover Fork 15.5 to 18.2 (2.7 miles)	Harlan County
nto Cumberland River	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Nutrient/Eutrophication Biological Indicators	
Suspected Sources: Sewage Discharges in Unsewered Areas; Surface Mining	
Pollutant: Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources: Sewage Discharges in Unsewered Areas; Surface Mining	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Silviculture Activities; Surface Mining	
Pollutant: Specific Conductance	
Suspected Sources: Sewage Discharges in Unsewered Areas; Surface Mining	
<u> Clover Fork 18.2 to 28.2 (10 miles)</u>	Harlan County
nto Cumberland River	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Source Unknown; Surface Mining	
Clover Fork 28.2 to 28.9 (0.7 miles)	Harlan County
nto Cumberland River	-
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Coal Mining; Source Unknown; Surface Mining	
Clover Fork 28.9 to 33.8 (4.9 miles)	Harlan County
nto Cumberland River	-
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Source Unknown; Surface Mining	
Cloverlick Creek 0.0 to 5.0 (5 miles)	Harlan County
nto Poor Fork of Cumberland River	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Total Suspended Solids (TSS)	
Suspected Sources: Channelization; Loss of Riparian Habitat; Municipal Point S	Source
Discharges; Urban Runoff/Storm Sewers	

Rivers	
Colliers Creek 0 .0 to 4.1 (4.1 miles)	Letcher County
Into Poor Fork of Cumberland River	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Specific Conductance	
Suspected Sources: Coal Mining	
Pollutant: Total Dissolved Solids	
Suspected Sources: Surface Mining	
Craig Creek 5.8 to 6.8 (1 miles)	Laurel County
Into Laurel River Reservoir	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Channel Erosion/Incision from Upstream Hydromodific Unknown; Streambank Modifications/Destabilization	cations; Source
Crano Crock 1.4 to 2.0 (0.6 miles)	Harlan County
Crane Creek 1.4 to 2.0 (0.6 miles) Into Martins Fork of Cumberland River	Harlan County
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Cause Unknown	
Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)	
Cranks Creek 1.6 to 2.4 (0.8 miles)	Harlan County
Into Martins Fork of Cumberland River	2
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Cause Unknown	
Suspected Sources: Source Unknown	
Crocus Creek 4.9 to 14.0 (9.1 miles)	Cumberland County
Into Cumberland River	
Impaired Use: Primary Contact Recreation Water (Nonsupport)	
Pollutant: pH	
Suspected Sources: Source Unknown	
Impaired Use: Secondary Contact Recreation Water (Nonsupport)	
Pollutant: pH	
Suspected Sources: Source Unknown	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: pH	
Suspected Sources: Source Unknown	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Agriculture; Mine Tailings	
Crocus Creek 14.0 to 17.15 (3.15 miles)	Adair County
Into Cumberland River	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Agriculture	
·····	

Rivers

Cumberland River 569.4 to 575.1 (5.7 miles) Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Specific Conductance Pollutant: Suspected Sources: Surface Mining

Cumberland River 653.25 to 659.95 (6.7 miles)

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 554.65 to 569.4.

Cumberland River 671.9 to 682.3 (10.4 miles)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Specific Conductance Pollutant: Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

East Fork of Lynn Camp Creek 0.0 to 4.5 (4.5 miles)

Into Lvnn Camp Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Site Clearance (Land Development or Redevelopment)

Elk Spring Creek 0.0 to 7.8 (7.8 miles)

Into Beaver Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Ewing Creek 0.1 to 2.9 (2.8 miles)

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Surface Mining

Ferris Fork Creek 0.0 to 1.2 (1.2 miles)

Into Marrowbone Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat

Gilmore Creek 0.0 to 5.9 (5.9 miles)

Into Buck Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization

Knox County

Harlan County

Whitley County

Bell County

Wayne County

Harlan County

Cumberland County

Lincoln County

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Sedimentation/Siltation Pollutant: Suspected Sources: Loss of Riparian Habitat Grassy Branch 0.0 to 0.55 (0.55 miles) Jackson County Into Laurel Fork Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Package Plant or Other Permitted Small Flows Discharges Harris Branch 0.25 to 0.6 (0.35 miles) Harlan County Into Martins Fork (Reservoir) Impaired Use: Warm Water Aquatic Habitat (Partial Support) Specific Conductance Pollutant: Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Hatchell Branch 0.0 to 1.0 (1 miles) **McCreary County** Into Eagle Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Sedimentation/Siltation Pollutant: Suspected Sources: Silviculture Activities Hazel Patch Creek 0.0 to 1.8 (1.8 miles) Laurel County Into Little Rockcastle River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat Indian Creek 0.0 to 4.2 (4.2 miles) Pulaski County Into Buck Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Dredging (e.g., for Navigation Channels) KDOW awarded \$330,094 Section 319(h) Grant funds (FFY2005) to the Pulaski County Conservation District to implement BMPs to protect and restore water quality conditions in the Buck Creek watershed. The Sedimentation/Siltation listing on the 2010 303(d) report has been more correctly identified as Cause Unknown.

Indian Creek 0.0 to 4.5 (4.5 miles)

Goodin Creek 2.1 to 2.6 (0.5 miles)

Into Middle Fork Rockcastle River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat

Jackson County

Knox County

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

Rivers

KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

Rivers

Jennys Branch 0.0 to 6.0 (Into Laurel Creek	<u>6 miles)</u>	McCreary County
	ter Aquatic Habitat (Partial Support)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Silviculture Harvesting; Site Clearance (Land Developme Redevelopment); Urban Runoff/Storm Sewers	nt or
Kilburn Fork 0.9 to 6.2 (5.3	<u>miles)</u>	McCreary County
Into Indian Creek		
•	ter Aquatic Habitat (Partial Support)	
Pollutant: Suspected Sources:	Sedimentation/Siltation Source Unknown	
Laurel Creek 3.65 to 5.1 (1.	<u>45 miles)</u>	McCreary County
Into Marsh Creek	r Aquatia Habitat (Partial Support)	
Pollutant:	r Aquatic Habitat (Partial Support) Cause Unknown	
	Package Plant or Other Permitted Small Flows Discharge Unknown	es; Source
Pollutant: Suspected Sources:	Sedimentation/Siltation Package Plant or Other Permitted Small Flows Discharge Unknown	es; Source
Laurel Fork of Clear Fork 4		Whitley County
Into Clear Fork of Cumberlar		
•	ter Aquatic Habitat (Partial Support)	
Pollutant: Suspected Sources:	Sedimentation/Siltation Silviculture Activities	
Laurel Fork of Clear Fork	10.3 to 13.8 (3.5 miles)	Whitley County
Into Clear Fork	ter Aquatic Habitat (Nonsupport)	
Pollutant:	Sedimentation/Siltation	
	Non-irrigated Crop Production; Woodlot Site Clearance	
Laurel River 0.9 to 2.2 (1.3	<u>miles)</u>	Laurel County
Into Cumberland River	r Aquatia Habitat (Nanguppart)	
Pollutant:	r Aquatic Habitat (Nonsupport) Temperature, water	
	Dam or Impoundment; Upstream Source	
Laurel River 23.7 to 24.9 (1	.2 miles)	Laurel County
Cumberland River	ter Aquatic Habitat (Partial Support)	
Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators	
·	ection 319(h) Grant funds (FFY2004 & 2007) to Third Roc	k Consultants to
	atershed Plan for the Corbin City Reservoir/Laurel River w	

Rivers

Laurel River 26.35 to 33.95 (7.6 miles)

Into Cumberland River

Laurel County

Laurel County

Bell Countv

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Non-Point Source

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown Suspected Sources: Source Unknown

Pollutant: Iron Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 26.3 to 33.7.

Laurel River 33.95 to 44.7 (10.75 miles)

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Rural (Residential Areas)

> Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture

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

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 33.7 to 39.8.

Left Fork of Straight Creek 0.0 to 13.1 (13.1 miles)

Into Straight Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Coal Mining; Upstream Source Pollutant: Total Suspended Solids (TSS) Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Land) Pollutant: Turbidity Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Land)

Rivers

Lewis Creek 0.0 to 3.5 (3.5	miles)	Cumberland C
Into Cumberland River		
Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Loss of Riparian Habitat; Municipal (Urbanized High D	ensity Area)
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Loss of Riparian Habitat; Municipal (Urbanized High D	ensity Area)
Pollutant: Suspected Sources:	Sedimentation/Siltation Loss of Riparian Habitat; Municipal (Urbanized High D	ensity Area)

Lick Creek 0.00 to 3.65 (6.7 miles)

Into Laurel River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Escherichia coli Pollutant: Suspected Sources: Source Unknown

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

Pollutant: Suspected Sources	er Aquatic Habitat (Partial Support) Sedimentation/Siltation : Surface Mining	Harlan County
Pollutant: Suspected Sources	Specific Conductance : Surface Mining	
Line Creek 2.3 to 5.5 (3.2 r Into Rockcastle River Impaired Use: Warm Wa Pollutant: Suspected Sources	iter Aquatic Habitat (Partial Support) Cause Unknown	Pulaski County
Pollutant:	land River Iter Aquatic Habitat (Nonsupport) Sedimentation/Siltation : Legacy Coal Extraction	Bell County
	Specific Conductance : Legacy Coal Extraction	
Pollutant: Suspected Sources	Total Dissolved Solids : Legacy Coal Extraction	

Cumberland County

Laurel County

Rivers

Little Laurel River 0.0 to 8.4 (8.4 miles)

Into Laurel River

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli

Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Non-Point Source; Upstream Source

Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Agriculture; Non-Point Source; Upstream Source

Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Non-Point Source; Upstream Source

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

Little Laurel River 8.4 to 12.7 (4.3 miles)

Laurel County

Into Laurel River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Combined Sewer Overflows; Municipal Point Source Discharges Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Combined Sewer Overflows; Municipal Point Source Discharges Pollutant: Phosphorus (Total) Suspected Sources: Combined Sewer Overflows; Municipal Point Source Discharges Pollutant: Sedimentation/Siltation Suspected Sources: Site Clearance (Land Development or Redevelopment)

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

Laurel County

Rivers

Little Laurel River 12.7 to 14.8 (2.1 miles)

Into Laurel River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Municipal Point Source Discharges

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

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

Little Laurel River 14.8 to 23.0 (8.2 miles)

Laurel County

Into Laurel River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

The Fecal Coliform listing on the 2010 303(d) report has been more correctly identified as Escherichia coli.

Little Poplar Creek 0.0 to 2.8 (2.8 miles)

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

Little Poplar Creek 3.1 to 4.4 (1.3 miles)

Into Cumberland River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources: Legacy Coal Extraction; Loss of Riparian Habitat; Rural (Residential Areas)

Laurel County

Knox County

Knox County

Little Raccoon Creek 0.0 to	Rivers o 7.7 (7.7 miles)	Laurel County
Pollutant:	<i>River</i> ontact Recreation Water (Nonsupport) pH : Legacy Coal Extraction	
Pollutant:	y Contact Recreation Water (Nonsupport) pH : Legacy Coal Extraction	
Pollutant:	ter Aquatic Habitat (Nonsupport) Iron : Legacy Coal Extraction	
Pollutant: Suspected Sources	Manganese : Legacy Coal Extraction	
Pollutant: Suspected Sources	pH : Legacy Coal Extraction	
Pollutant: Suspected Sources:	Total Dissolved Solids : Legacy Coal Extraction	
Pollutant:		Wayne County
Pollutant:	3.45 (3.41 miles) ontact Recreation Water (Nonsupport) Fecal Coliform : Source Unknown; Urban Runoff/Storm Sewers	Laurel County
Pollutant:	ter Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Municipal Point Source Discharges; Package Plant or Other Small Flows Discharges; Urban Runoff/Storm Sewers	Permitted
Pollutant: Suspected Sources:	Oil and Grease : Other Spill Related Impacts; Source Unknown; Urban Runof	f/Storm Sewers
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Municipal Point Source Discharges; Package Plant or Other Small Flows Discharges; Urban Runoff/Storm Sewers	Permitted
Pollutant:	Total Suspended Solids (TSS)	

Lynn Camp Creek 4.5 to 10.5 (6 miles)	Whitley County
Into Laurel River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Relate Grazing; Non-irrigated Crop Production	ed); Managed Pasture
Pollutant: Sedimentation/Siltation Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Relate Grazing; Non-irrigated Crop Production; Site Clearanc Development or Redevelopment)	
Marrowbone Creek 0.0 to 2.8 (2.8 miles)	Cumberland County
Into Cumberland River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Non-Point Source	
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown	
Marsh Creek 13.5 to 16.5 (3 miles) Into Cumberland River	McCreary County
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Silviculture Activities	
Marsh Creek 19.0 to 24.1 (5.1 miles)	McCreary County
Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Coal Mining	
Martins Fork 10.2 to 15.85 (5.65 miles)	Harlan County
Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Dam or Impoundment; Upstream Source	
Pollutant: Temperature, water Suspected Sources: Dam or Impoundment; Upstream Source	
The river miles for this segment have been changed to more accurately reflect the N Data Set. This segment was formerly 11.8 to 17.45.	lational Hydrography
Martins Fork 19.4 to 28.85 (9.45 miles) Into Cumberland River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown	Harlan County

Rivers

Meadow Creek 0.0 to 7.4 (7.4 miles)

Into Cumberland River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Non-irrigated Crop Production; Surface Mining; Unrestricted Cattle Access

Middle Fork of Beaver Creek 0.0 to 2.3 (2.3 miles)

Into Beaver Creek

Impaired Use: Cold Water Aquatic Habitat (Partial Support) Pollutant: рΗ Suspected Sources: Impacts from Abandoned Mine Lands (Inactive) Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: nH Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pН Suspected Sources: Impacts from Abandoned Mine Lands (Inactive)

Middle Fork of Richland Creek 0.0 to 1.2 (1.2 miles)

Into Richland Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Site Clearance (Land Development or Redevelopment); Surface Mining

Mitchell Creek 0.0 to 3.8 (3.8 miles)

Into Sinking Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Non-Point Source: Site Clearance (Land Development or Redevelopment): Urban Runoff/Storm Sewers

KDOW awarded \$499,516 Section 319(h) Grant funds (FFY2011) to Cumberland Valley RC&D Council to develop a Watershed Plan for the Sinking Creek watershed.

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

Mud Creek of Clear Fork 0.0 to 5.2 (5.2 miles)

Into Clear Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment)

Laurel County

Whitley County

Knox County

McCreary County

Knox County

Rivers

Pitman Creek 5.4 to 6.0 (0.6 miles)

Into Cumberland River

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Municipal Point Source Discharges

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 4.8 to 5.95.

Pond Creek 0.0 to 6.3 (6.3 miles)

Into South Fork Rockcastle River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources:
 Municipal Point Source Discharges

 Pollutant:
 Organic Enrichment (Sewage) Biological Indicators

 Suspected Sources:
 Municipal Point Source Discharges

Pollutant: Oxygen, Dissolved Suspected Sources: Agriculture: Loss of Riparian Habitat

Poor Fork of Cumberland River 14.9 to 16.3 (1.4 miles)

Into Martins Fork of Cumberland River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Rural (Residential Areas), Site Clearance (Land Development or Redevelopment)

 Pollutant:
 Specific Conductance

 Suspected Sources:
 Coal Mining

Poplar Creek 4.7 to 5.85 (1.15 miles)

Into Cumberland River

 Impaired Use: Primary Contact Recreation Water (Nonsupport)

 Pollutant:
 Escherichia coli

 Suspected Sources:
 Package Plant or Other Permitted Small Flows Discharges

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Ammonia (Total) Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Chlorine Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pollutant: Phosphorus (Total)

Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Pulaski County

Jackson County

Harlan County

Whitley County

Rivers

Powder Mill Creek 0.0 to 4.9 (4.9 miles)

Into Sinking Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Cause Unknown Pollutant: Suspected Sources: Non-Point Source

KDOW awarded \$499,516 Section 319(h) Grant funds (FFY2011) to Cumberland Valley RC&D Council to develop a Watershed Plan for the Sinking Creek watershed.

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

Raccon Creek 0.0 to 2.3 (2.3 miles)

Into Horselick Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Raccoon Creek 0.0 to 2.7 (2.7 miles)

Into South Fork Rockcastle River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Non-irrigated Crop Production; Silviculture Activities; Unrestricted Cattle Access

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

Raleigh Fork 0.0 to 1.1 (1.1 miles)

Into South Fork Colliers Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Specific Conductance Suspected Sources: Coal Mining

> **Total Dissolved Solids** Pollutant: Suspected Sources: Coal Mining

Jackson County

Letcher County

Laurel County

Laurel County

Rivers

	Rivers	
Renfro Creek 0.0 to 3.1 (3.	<u>1 miles)</u>	Rockcastle County
Into Roundstone Creek		
•	ter Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	. David a la la d
Suspected Sources:	On-site Treatment Systems (Septic Systems and Simila Systems); Package Plant or Other Permitted Small Flow	
Pollutant:	Organic Enrichment (Sewage) Biological Indicators	
Suspected Sources:	On-site Treatment Systems (Septic Systems and Simila Systems); Package Plant or Other Permitted Small Flow	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Habitat Modification - Other than Hydromodification; Los Habitat; Silviculture Activities; Streambank Modifications Urban Runoff/Storm Sewers	
	ection 319(h) Grant funds (FFY2001) to the Kentucky Ch install and demonstrate agricultural BMPs in the Roundst	
See Chapter 4, Status of TM	IDLs Under Development Prior to 2012.	
Richland Creek 0.0 to 6.3 (<u>6.3 miles)</u>	Knox County
Into Cumberland River		
-	ter Aquatic Habitat (Nonsupport)	
Pollutant:	Iron	
Suspected Sources:	Coal Mining; Non-Point Source	
Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators Urban Runoff/Storm Sewers	
Pollutant: Suspected Sources:	Oxygen, Dissolved Source Unknown	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:		
Roaring Paunch Creek 7.8		McCreary County
Into South Fork Cumberland		
Pollutant:	ontact Recreation Water (Nonsupport) pH	
	Acid Mine Drainage; Legacy Coal Extraction	
Pollutant:	Contact Recreation Water (Nonsupport)	
	pH Acid Mine Drainage; Legacy Coal Extraction	
Pollutant:	ter Aquatic Habitat (Nonsupport) pH	
Sucnactad Sourcas	Acid Mine Drainage: Legacy Coal Extraction	

Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction

KDOW awarded \$280,978 Section 319(h) Grant funds (FFY2006) to the McCreary County Water District to develop and implement a Watershed Plan for Roaring Paunch, Bear and Big Creeks watersheds in the Big South Fork Cumberland River.

Rivers

Rock Creek 0.0 to 4.3 (4.3 miles)

Into South Fork Cumberland River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

In 1999, the Rock Creek watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW awarded \$1,166,250 (FFY1999, 2000 & 2006) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to remediate acid mine drainage in the Rock Creek watershed. The Kentucky Division of Abandoned Mine Lands also allocated \$1,307,849 (2001 & 2005) for reclamation projects in the Rock Creek watershed.

Rock Creek 16.5 to 21.5 (5 miles)

Into South Fork Cumberland River Impaired Use: Fish Consumption (Partial Support) Pollutant: Methylmercury Suspected Sources: Source Unknown

Roundstone Creek 0.0 to 10.9 (10.9 miles)

Into Rockcastle River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Roundstone Creek 17.1 to 23.9 (6.8 miles)

Into Rockcastle River	
Impaired Use: Warm Wa	ter Aquatic Habitat (Nonsupport)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources	: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production
Pollutant:	Oxygen, Dissolved
Suspected Sources	: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production
Pollutant:	Sedimentation/Siltation
Suspected Sources	: Agriculture; Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Non-irrigated Crop Production
	Postion 210/h) Orant funda (EEV2001) to the Kantusky Chanter of

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

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

McCreary County

Rockcastle County

Rockcastle County

McCreary County

Rivers

Ryans Creek 0.0 to 5.7 (5.7 miles)

Into Jellico Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Total Suspended Solids (TSS) Suspected Sources: Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 5.7.

Sallys Branch 0.00 to 2.90 (2.9 miles)

Into Little Laurel River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli

Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

Sam Branch 0.0 to 0.5 (0.5 miles)

Into Fishing Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Loss of Riparian Habitat

Sampson Branch 0.00 to 4.70 (4.7 miles)

Into Little Laurel River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

Sims Fork 0.0 to 5.2 (5.2 miles)

Into Left Fork Straight Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown Pollutant: Sedimentation/Siltation Suspected Sources: Surface Mining **McCreary County**

Laurel County

Laurel County

Bell County

Pulaski County

Im	Impaired Use: Warm Water Aquatic Habitat (Nonsupport)		
	Pollutant:	Nutrient/Eutrophication Biological Indicators	
	Suspected Sources:	Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Surface Mining	
	Pollutant: Suspected Sources:	Sedimentation/Siltation Loss of Riparian Habitat; Non-irrigated Crop Production; Site Clearance (Land Development or Redevelopment); Streambank Modifications/Destabilization; Surface Mining	

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

Stevenson Branch 0.0 to 1.9 (1.9 miles)

Sinking Creek 13.35 to 17.65 (4.3 miles)

Skegg Creek 0.0 to 3.3 (3.3 miles)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

develop a Watershed Plan for the Sinking Creek watershed.

Suspected Sources: Source Unknown

Suspected Sources: Source Unknown

South Fork of Colliers Creek 0.0 to 1.9 (1.9 miles)

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

South Fork of Rockcastle River 21.2 to 29.1 (7.9 miles)

Cause Unknown

Suspected Sources: Non-Point Source; Urban Runoff/Storm Sewers

Sedimentation/Siltation

Specific Conductance Suspected Sources: Coal Mining; Legacy Coal Extraction

Total Dissolved Solids

Into Rockcastle River

Into Rockcastle River

Pollutant:

Pollutant:

Pollutant:

Pollutant:

Into Rockcastle River

Into Colliers Creek

Pollutant:

Into Yellow Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Sedimentation/Siltation Pollutant: Suspected Sources: Silviculture Harvesting; Surface Mining

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

Rivers

KDOW awarded \$499,516 Section 319(h) Grant funds (FFY2011) to Cumberland Valley RC&D Council to

Nutrient/Eutrophication Biological Indicators

Rockcastle County

Laurel County

Letcher County

Laurel County

Bell County

Suspected Sources: Coal Mining; Legacy Coal Extraction

Rivers

Rivers			
Stinking Creek 0.0 to 2.1 (2	2.1 miles)	Knox County	
Into Cumberland River			
Impaired Use: Primary Co	ontact Recreation Water (Nonsupport)		
Pollutant:	рН		
Suspected Sources:	Impacts from Abandoned Mine Lands (Inactive); Surface Mini	ng	
Impaired Use: Secondary	Contact Recreation Water (Nonsupport)		
Pollutant:	рН		
Suspected Sources:	Impacts from Abandoned Mine Lands (Inactive); Surface Mini	ng	
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)		
Pollutant:	Oil and Grease		
Suspected Sources:	Petroleum/Natural Gas Production Activities (Permitted); Sou	rce Unknown	
Pollutant:	рН		
Suspected Sources:	Impacts from Abandoned Mine Lands (Inactive); Surface Mini	ng	
Pollutant:	Sedimentation/Siltation		
Suspected Sources:	Channelization; Non-irrigated Crop Production; Petroleum/Na Activities; Surface Mining	tural Gas	

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

Stinking Creek 11.3 to 17.6 (6.3 miles)

Into Cumberland River	
Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)
Pollutant:	Chloride
Suspected Sources:	Petroleum/Natural Gas Activities
Pollutant: Suspected Sources:	Sedimentation/Siltation Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities
Pollutant: Suspected Sources:	Specific Conductance Petroleum/Natural Gas Activities

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

Stoney Fork 0.0 to 2.3 (2.3 miles)

Bell County

Knox County

Into Straight Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Coal Mining (Subsurface); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Surface Mining; Woodlot Site Clearance Pollutant: Turbidity Suspected Sources: Coal Mining (Subsurface); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Surface Mining

Stony Fork 0.0 to 5.3 (5.3 mile	Rivers es)	Bell County
Into Bennetts Fork Yellow Creek	<u> </u>	-
Impaired Use: Warm Water A		
	dimentation/Siltation	
	ss of Riparian Habitat; Streambank Modifications/Destab te Clearance	ilization; Woodlot
	rbidity	
	ss of Riparian Habitat; Streambank Modifications/Destab te Clearance	ilization; Woodlot
Straight Creek 1.7 to 23.3 (21.6 Into Cumberland River	<u>6 miles)</u>	Bell County
	Aquatic Habitat (Partial Support)	
Pollutant: See	dimentation/Siltation	
	annel Erosion/Incision from Upstream Hydromodification parian Habitat; Rural (Residential Areas); Surface Mining	s; Loss of
Pollutant: Spo	ecific Conductance	
Suspected Sources: Su	rface Mining	
Sugar Camp Branch 0.0 to 1.4 Into Lacey Fork	(1.4 miles)	Pulaski County
-	act Recreation Water (Nonsupport)	
Pollutant: pH		
Suspected Sources: So	urce Unknown	
	ontact Recreation Water (Nonsupport)	
Pollutant: pH		
Suspected Sources: So		
Impaired Use: Warm Water A		
Pollutant: pH		
Suspected Sources: So	urco Unknown	

UT of Cumberland River 0.0 to 1.95 (1.95 miles)

Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Cumberland County

Rivers

UT of Little Laurel River 0.0 to 1.4 (1.4 miles)

Into Little Laurel River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Municipal (Urbanized High Density Area)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011. KDOW awarded \$150,000 to the City of London for implementation of the Plan.

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

UT of Powder Mill Creek 0.00 to 1.10 (1.1 miles)

Into Powder Mill Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Upstream Source

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

UT of Smith Creek 0.0 to 1.6 (1.6 miles)

Into Smith Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Agriculture; Loss of Riparian Habitat

UT of UT of Little Laurel River 0.0 to 0.1 (0.1 miles)

Into UT to Little Laurel Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

KDOW awarded \$421.557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

UT of UT to Acorn Fork 0.0 to 0.2 (0.2 miles)

Into UT to Acorn Fork Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities

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

Clinton County

Laurel County

Laurel County

Knox County

Laurel County

Knox County

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Chloride Suspected Sources: Petroleum/Natural Gas Activities		
Pollutant: Sedimentation/Siltation Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Petroleum/Natural Gas Activities		
Pollutant: Specific Conductance Suspected Sources: Petroleum/Natural Gas Activities		
KDOW awarded \$63,370 Section 319(h) Grant funds (FFY1999) to the Knox County Fiscal Court to conduct nonpoint source education and demonstrate BMPs in the Stinking Creek watershed.		
UT to Helton Branch 0.0 to 0.4 (0.4 miles) Knox County Into Helton Branch Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Golf Courses; Legacy Coal Extraction; Loss of Riparian Habitat		
UT to Jennys Branch 0.0 to 1.3 (1.3 miles)McCreary CountyInto Jennys BranchImpaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:Nutrient/Eutrophication Biological Indicators Suspected Sources: Rural (Residential Areas)		
Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Rural (Residential Areas)		
Pollutant: Sedimentation/Siltation Suspected Sources: Post-development Erosion and Sedimentation; Source Unknown		
UT to UT to Acorn Fork 0.0 to 0.55 (0.55 miles)Knox CountyInto UT to Acorn ForkImpaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:ChloridePollutant:ChlorideSuspected Sources: Petroleum/Natural Gas ActivitiesChloridePollutant:Sedimentation/SiltationSedimentation/Siltation		
Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Petroleum/Natural Gas Activities Pollutant: Specific Conductance		
Suspected Sources: Petroleum/Natural Gas Activities		
Wallins Creek 0.0 to 4.2 (4.2 miles) Harlan County Into Cumberland River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Coal Mining; Erosion from Derelict Land (Barren Land)		

UT to Acorn Fork 0.0 to 0.25 (0.25 miles)

Into Acorn Fork

Rivers

White Oak Creek 0.0 to 1.0 (1 miles)

Into Sinking Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:Sedimentation/SiltationSuspected Sources: AgriculturePollutant:Total Suspended Solids (TSS)

Suspected Sources: Agriculture

Pollutant: Turbidity Suspected Sources: Agriculture

KDOW awarded \$499,516 Section 319(h) Grant funds (FFY2011) to Cumberland Valley RC&D Council to develop a Watershed Plan for the Sinking Creek watershed.

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

White Oak Creek 0.0 to 4.2 (4.2 miles)

Into Rock Creek Mouth to Headwaters Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron Suspected Sources: Coal Mining

In 1999, the Rock Creek watershed was selected as a Clean Water Action Plan project for focused and targeted multi-agency nonpoint source pollution control efforts. KDOW awarded \$1,166,250 (FFY1999, 2000 & 2006) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to remediate acid mine drainage in the Rock Creek watershed. The Kentucky Division of Abandoned Mine Lands also allocated \$1,307,849 (2001 & 2005) for reclamation projects in the Rock Creek watershed.

White Oak Creek 7.1 to 11.2 (4.1 miles)

Into Cumberland River (Lake Cumberland) Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification

Whitley Branch 1.1 to 2.6 (1.5 miles)

Into Little Laurel River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

Wolf Creek 0.0 to 1.8 (1.8 miles)

Into Clear Fork Cumberland River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Non-irrigated Crop Production; Surface Mining

McCreary County

Laurel County

Pulaski County

Laurel County

Whitley County

Rivers

Wood Creek 0.0 to 1.95 (1.95 miles)

Into Little Rockcastle River Impaired Use: Cold Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification

Yellow Creek 0.0 to 6.65 (6.65 miles)

Bell County

Laurel County

Into Cumberland River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Unspecified Domestic Waste; Urban Runoff/Storm Sewers

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 6.7.

C.8 Upper Cumberland River Basin Freshwater Reservoirs

Corbin City Reservoir (139 acres)

Laurel River - Impoundment

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Organic Enrichment (Sewage) Biological Indicators

 Suspected Sources:
 Agriculture; Internal Nutrient Recycling; Municipal Point Source Discharges

KDOW awarded \$421,557 Section 319(h) Grant funds (FFY2004 & 2007) to Third Rock Consultants to develop and implement a Watershed Plan for the Corbin City Reservoir/Laurel River watershed. In 2011, KDOW awarded \$150,000 to the City of London for implementation of the Plan.

Lake Cumberland (50250 acres)

Russell County

Laurel County

Cumberland River - Impoundment Impaired Use: Fish Consumption (Partial Support) Pollutant: Methylmercury Suspected Sources: Atmospheric Deposition - Toxics

Green/Tradewater Basin Management Unit Green River Basin Rivers

Appendix D. Green/Tradewater Basin Unit 303(d) List: Narrative

D.1 Green River Basin Rivers

Adams Fork 0.0 to 4.6 (4.6 miles)

Into Rough River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Austin Creek 2.6 to 3.6 (1 miles)

Into Mud River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Industrial Point Source Discharge

Bacon Creek 17.2 to 27.1 (9.9 miles)

Into Nolin River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

KDOW awarded \$342,898 Section 319(h) Grant funds (FFY2005, 2010) to the Kentucky Waterways Alliance to develop and implement a Watershed Plan (completed March, 2011) to address fecal coliform and siltation in the Bacon Creek watershed.

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

Barren River 104.9 to 119.4 (14.5 miles)

Into Green River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Bat East Creek 0.0 to 3.3 (3.3 miles)

Into Pond Creek

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Habitat Modification - Other than Hydromodification

Pollutant: Total Dissolved Solids Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

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

Muhlenberg County

Hart County

Allen County

Logan County

Ohio County

Green/Tradewater Basin Management Unit Green River Basin Rivers

Bat East Creek 3.4 to 7.5 (4.1 miles)	Muhlenberg County
Into Pond Creek	C I
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Cause Unknown	
Suspected Sources: Agriculture; Petroleum/Natural Gas Production Act Surface Mining	ivities (Permitted);
Pollutant: Total Dissolved Solids Suspected Sources: Petroleum/Natural Gas Production Activities (Perm	itted); Surface Mining
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
Bays Fork of Barren River 6.2 to 15.5 (9.3 miles)	Allen County
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Nutrient/Eutrophication Biological Indicators	
Suspected Sources: Municipal Point Source Discharges	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Agriculture; Loss of Riparian Habitat	
Pollutant: Specific Conductance	
Suspected Sources: Municipal Point Source Discharges	
Bear Creek 14.7 to 22.4 (7.7 miles)	Edmonson County
Into Green River	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Cause Unknown	
Suspected Sources: Source Unknown	
Bear Creek 22.4 to 30.6 (8.2 miles)	Grayson County
Into Green River	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Cause Unknown	
Suspected Sources: Loss of Riparian Habitat; Streambank Modification	s/Destabilization
Beaver Creek 8.5 to 15.5 (7 miles)	Barren County
Into Barren River Reservoir	
Impaired Lless Drimery Contact Descention Water (Nensympart)	

Into Barren River Reservoir Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit Green River Basin Rivers

Big Brush Creek 0.0 to 5.0 (5 miles)

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Streambank Modifications/Destabilization

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

Big Creek 3.9 to 9.2 (5.3 miles)

Into Russell Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

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

Big Pitman Creek 27.5 to 32.6 (5.1 miles)

Into Green River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Loss of Riparian Habitat Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Habitat Modification Other than Hydromodification; Loss of Riparian Habitat; Streambank

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

Big Reedy Creek 7.8 to 12.5 (4.7 miles)

Edmonson County

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Sedimentation/SiltationSuspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than
Hydromodification

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 6.9 to 11.5.

Green County

Taylor County

Adair County

Billy Creek 0.0 to 4.8 (4.8 miles) Into Valley Creek

io va	icy oreen	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)		
	Pollutant:	Cause Unknown
	Suspected Sources:	Source Unknown
	Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators Agriculture; Industrial Point Source Discharge; Loss of Riparian Habitat; Site Clearance (Land Development or Redevelopment); Urban Runoff/Storm Sewers
	Pollutant: Suspected Sources:	Sedimentation/Siltation Agriculture; Crop Production (Crop Land or Dry Land); Managed Pasture Grazing; Streambank Modifications/Destabilization; Urban Runoff/Storm Sewers

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

Black Snake Branch 1.6 to 2.9 (1.3 miles)

Into Big Brush Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Source Unknown

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

Brush Creek 0.0 to 6.1 (6.1 miles)

Into Green River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Off-road Vehicles; Streambank Modifications/Destabilization

Brush Fork 0.0 to 4.4 (4.4 miles)

Into Long Falls Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Surface Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Surface Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: pH Suspected Sources: Surface Mining

Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Nonirrigated Crop Production; Surface Mining

McLean County

Casey County

Taylor County

Hardin County

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

Buck Creek 0.0 to 8.0 (8 miles)

Into Green River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Loss of Riparian Habitat; Permitted Runoff from Confined Animal Feeding Operations (CAFOs) Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Non-irrigated Crop Production; Permitted Runoff from Confined Animal Feeding Operations (CAFOs) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

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

Buck Creek 2.0 to 8.1 (6.1 miles)

Into Buck Fork of Pond River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 1.9 to 8.1.

Buck Fork 0.0 to 5.8 (5.8 miles)

Into Pond River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

Buck Fork 12.9 to 19.3 (6.4 miles)

Into Pond River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources: Habitat Modification - Other than Hydromodification

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 13.0 to 19.3.

Christian County

Todd County

McLean County

Christian County

Burnett Fork 0.0 to 1.3 (1.3 miles) Into North Fork Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Nitrogen (Total) Pollutant: Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production Pollutant: Phosphorus (Total) Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Nonirrigated Crop Production; Streambank Modifications/Destabilization

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

Butler Fork 2.5 to 4.4 (1.9 miles)

Into Russell Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.3 to 4.0.

Calhoun Creek 0.0 to 2.8 (2.8 miles) Into Green River

Jun		
Imp	aired Use: Warm Wat	er Aquatic Habitat (Partial Support)
	Pollutant:	Nutrient/Eutrophication Biological Indicators
	Suspected Sources: Managed Pasture Grazing	
	Pollutant:	Sedimentation/Siltation
	Suspected Sources:	Grazing in Riparian or Shoreline Zones; Managed Pasture Grazing

Cane Run 0.0 to 3.7 (3.7 miles)

Into South Fork Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown

Pollutant: Phosphorus (Total)

Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Irrigated Crop Production; Non-irrigated Crop Production; Source Unknown

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

Casey County

Daviess County

Adair County

Daviess County

<u>Caney Creek 0.0 to 3.6 (3.6 miles)</u> Into Pond Creek	Muhlenberg County	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Irrigated Crop Production; Loss of Riparian Habita Production; Petroleum/Natural Gas Production Active development Erosion and Sedimentation		
Pollutant: Total Dissolved Solids Suspected Sources: Petroleum/Natural Gas Production Activities (Pern	nitted)	
See Chapter 4, Status of TMDLs Under Development Prior to 2012.		
Caney Creek 3.6 to 7.6 (4 miles)Into Pond CreekImpaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:Sedimentation/SiltationSuspected Sources: Agriculture	Muhlenberg County	
See Chapter 4, Status of TMDLs Under Development Prior to 2012.		
Caney Creek 1.4 to 5.3 (3.9 miles)Into Pond RiverImpaired Use: Primary Contact Recreation Water (Nonsupport)Pollutant:Fecal ColiformSuspected Sources: Source Unknown	Muhlenberg County	
Cash Creek 0.0 to 5.8 (5.8 miles)Henderson CountyInto Green RiverImpaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Sedimentation/SiltationSuspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production		
Claylick Creek 2.4 to 3.4 (1 miles)Into Green RiverImpaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Sedimentation/SiltationSuspected Sources: Channelization; Habitat Modification - Other than H	Warren County	

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.

D-8

Green/Tradewater Basin Management Unit Green River Basin Rivers

Clay Lick Creek 4.1 to 5.3 (1.2 miles)

to South Fork Little Barre	n River
Impaired Use: Warm W	ater Aquatic Habitat (Partial Support)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Source	s: Managed Pasture Grazing
Pollutant:	Sedimentation/Siltation
Suspected Source	s: Highways, Roads, Bridges, Infrastructure (New Construction); Loss of Riparian Habitat; Managed Pasture Grazing

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

Cox Run 0.0 to 3.4 (3.4 miles)

Into Nolin River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Highway/Road/Bridge Runoff (Non-construction Related); Livestock (Grazing or Feeding Operations); Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization

Craborchard Creek 0.0 to 3.4 (3.4 miles)

Into Drakes Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Agriculture Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification

Pollutant: Total Dissolved Solids Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

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

Crooked Creek 0.0 to 3.0 (3 miles)

Into Panther Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

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

Hopkins County

Daviess County

Hardin County

Metcalfe County

Cypress Creek0.0 to 6.0 (6 miles)Into Pond RiverImpaired Use: Primary Contact Recreation Water (Nonsupport)Pollutant:Fecal ColiformSuspected Sources: Source Unknown	McLean County
Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown	
Cypress Creek 23.1 to 26.5 (3.4 miles) Into Pond River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown	Muhlenberg County
Cypress Creek 26.5 to 33.6 (7.1 miles) Into Pond River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Specific Conductance Suspected Sources: Non-Point Source; Surface Mining Pollutant: Total Dissolved Solids Suspected Sources: Non-Point Source; Surface Mining Pollutant: Total Dissolved Solids Suspected Sources: Non-Point Source; Surface Mining See Chapter 4, Status of TMDLs Under Development Prior to 2012.	Muhlenberg County
Daniels Creek 0.0 to 5.7 (5.7 miles) Into Rock Lick Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown	Breckinridge County
Deer Creek 0.0 to 8.4 (8.4 miles) Into Green River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron Suspected Sources: Source Unknown Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land)	Webster County

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

Deserter Creek 0.0 to 3.1 (3.1 miles) Into South Fork of Panther Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown	Daviess County	
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Habitat Modification - Other than Hydromodification		
See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TMDLs Planned for Public Notice During 2012.		
Dorsey Run 2.1 to 3.9 (1.8 miles) Hardin Comparison Into Sinks Nolin River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Managed Pasture Grazing		
Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Post- Erosion and Sedimentation	development	

Warren County

Casey County

Christian County

Drakes Creek 0.0 to 23.4 (23.4 miles)

Into Drakes Creek

Impaired Use: Fish Consumption (Partial Support) Pollutant: Polychlorinated biphenyls Suspected Sources: Industrial Point Source Discharge

Dry Creek 0.0 to 4.5 (4.5 miles)

Into Casey Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 3.7.

East Branch 0.0 to 1.3 (1.3 miles)

Into West Fork Pond River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

East Fork of Deer Creek 0.0 to 6.8 (6.8 miles)

Into Deer Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Non-irrigated Crop Production

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

East Fork of Little Barren River 20.7 to 30.0 (9.3 miles)

Into Little Barren River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Loss of Riparian Habitat

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

East Prong of Indian Camp Creek 0.0 to 6.25 (6.25 miles)

Into Indian Camp Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Streambank Modifications/Destabilization

Eaton Branch 0.0 to 1.9 (1.9 miles)

Into Nobob Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Loss of Riparian Habitat Pollutant: Sedimentation/Siltation

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

Elk Creek 0.0 to 5.4 (5.4 miles)

Into Pond River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Elk Creek 7.6 to 10.6 (3 miles)

Into Pond River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Sanitary Sewer Overflows (Collection System Failures) Webster County

Metcalfe County

Barren County

Butler County

Hopkins County

Hopkins County

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification; Source Unknown The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.5. Flat Creek 0.0 to 10.9 (10.9 miles) Into Pond River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: pН Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: рΗ Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Oil and Grease Suspected Sources: Package Plant or Other Permitted Small Flows Discharges Pollutant: pН Suspected Sources: Acid Mine Drainage; Legacy Coal Extraction Sedimentation/Siltation Pollutant: Suspected Sources: Legacy Coal Extraction; Loss of Riparian Habitat Specific Conductance Pollutant: Suspected Sources: Legacy Coal Extraction Pollutant: Total Suspended Solids (TSS) Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

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

Ford Ditch 0.0 to 3.3 (3.3 miles)

Into Rhodes Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Phosphorus (Total) Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production Pollutant: **Total Dissolved Solids** Suspected Sources: Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

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

Muhlenberg County

Daviess County

Hopkins County

Elk Pond Creek 0.0 to 4.9 (4.9 miles) Into Pond River

D-13

Green/Tradewater Basin Management Unit Green River Basin Rivers

Gilles Ditch 0.0 to 5.4 (5.4 miles)

Into Rhodes Creek

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Cause Unknown

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

Glens Fork 0.0 to 7.1 (7.1 miles)

Into Russell Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification; Managed Pasture Grazing

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

Grassy Creek 2.1 to 4.4 (2.3 miles)

Into Rough River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Dredging (e.g., for Navigation Channels); Loss of Riparian Habitat; Surface Mining

Green River 71.9 to 94.4 (22.5 miles)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Green River 210.5 to 250.3 (39.8 miles)

Into Ohio River Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Green River 283.3 to 309.0 (25.7 miles)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform 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.

Taylor County

Hart County

Ohio County

Muhlenberg County

Adair County

Daviess County

Suspected Sources: Non-irrigated Crop Production

Nutrient/Eutrophication Biological Indicators

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

Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Silviculture Activities; Woodlot Site Management

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 6.8 to 9.6.

Havana Creek 0.0 to 2.0 (2.0 miles)

Groves Creek 0.0 to 6.4 (6.4 miles)

Halls Creek 4.8 to 9.6 (4.8 miles)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Sedimentation/Siltation

Into Green River

Into Rough River

Pollutant:

Pollutant:

Into Deer Creek

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

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

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 1.9.

Indian Camp Creek 0.1 to 3.1 (3 miles)

Into Green River	or Aquetia Labitat (Dartial Support)
	er Aquatic Habitat (Partial Support) Chlorine
	Package Plant or Other Permitted Small Flows Discharges
	Oxygen, Dissolved Package Plant or Other Permitted Small Flows Discharges
	Sedimentation/Siltation Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

Indian Camp Creek 3.1 to 10.4 (7.3 miles)

Into Green River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

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

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Agriculture; Habitat Modification - Other than Hydromodification; Loss of Riparian Habitat; Non-Point Source

Green/Tradewater Basin Management Unit Green River Basin Rivers

Ohio County

Webster County

Butler County

Webster County

Butler County

Isaacs Creek 0.0 to 7.3 (7.3 miles)	Muhlenberg County
Into Pond River	
Impaired Use: Primary Contact Recreation Water (Nonsupport)	
Pollutant: pH	
Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine	e Lands (Inactive)
Impaired Use: Secondary Contact Recreation Water (Nonsupport)	
Pollutant: pH	
Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine	e Lands (Inactive)
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: pH	
Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine	e Lands (Inactive)
Pollutant: Sedimentation/Siltation	
Suspected Sources: Acid Mine Drainage; Impacts from Abandoned Mine	e Lands (Inactive)
Jarrels Creek 0.0 to 1.8 (1.8 miles)	Muhlenberg County

Jarrels Creek 0.0 to 1.8 (1.8 miles)

Into Pond River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Dredging (e.g., for Navigation Channels); Habitat Modification - Other than Hydromodification; Source Unknown

Jarret Fork 0.0 to 1.1 (1.1 miles)

Into Caney Creek	
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Upstream Impoundments (e.g., PI-566 NRCS Structures)
Pollutant: Suspected Sources:	Sedimentation/Siltation Animal Feeding Operations (NPS); Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations); Upstream Impoundments (e.g., PI-566 NRCS Structures)

Jenny Hollow Branch 0.0 to 2.4 (2.4 miles)

Into Horse Branch

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Dredging (e.g., for Navigation Channels); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Grayson County

Ohio County

Joes Branch 0.0 to 4.4 (4.4 miles)	Daviess County
Into North Fork Panther Creek	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Cause Unknown	
Suspected Sources: Source Unknown	
Joes Run 0.0 to 4.8 (4.8 miles)	Daviess County
Into North Fork Panther Creek	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Cause Unknown	
Suspected Sources: Source Unknown	
Knoblick Creek 0.0 to 2.1 (2.1 miles)	Daviess County
Into Panther Creek	
Impaired Use: Primary Contact Recreation Water (Nonsupport)	
Pollutant: Fecal Coliform	
Suspected Sources: Source Unknown	
•	
See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 7, TM	IDLs Planned for
Public Notice During 2012.	
Knoblick Creek 0.0 to 9.1 (9.1 miles)	Webster County
Into Deer Creek	-
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Nutrient/Eutrophication Biological Indicators	
Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production;	Rangeland
Pollutant: Sedimentation/Siltation	
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Nor	-irrigated Crop
Production	ingatoa orop
Pollutant: Total Dissolved Solids	
Suspected Sources: Managed Pasture Grazing; Non-irrigated Crop Production	n
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	

Lewis Creek 0.0 to 11.8 (11.8 miles)

Into Green River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification; Surface Mining

Lick Creek 0.0 to 3.7 (3.7 miles)

Into Green River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Non-irrigated Crop Production

Ohio County

Henderson County

KDOW awarded \$541.961 Section 319(h) Grant funds (FFY1997, 1999 & 2002) to the Kentucky Division of Conservation to implement watershed restoration activities focusing on agriculture in the Green River Conservation Reserve Enhancement Program (CREP) area. The Green River CREP is a \$110 million stream buffer initiative program for land easement purchase and BMP installation.

Little Beaverdam Creek 0.0 to 11.4 (11.4 miles)

Into Green River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Silviculture Activities; Site Clearance (Land Development or Redevelopment)

Little Cypress Creek 0.0 to 8.7 (8.7 miles)

Into Cypress Creek		
Impaired Use: Warm Water Aquatic Habitat (Partial Support)		
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Channelization; Golf Courses; Highway/Road/Bridge Runoff (Non- construction Related); Irrigated Crop Production; Non-irrigated Crop Production; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater	
	Specific Conductance Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater	
Pollutant: Suspected Sources:	Total Dissolved Solids Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater	
See Chanter 4. Status of TMDLs Linder Development Prior to 2012		

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

Little Cypress Creek 8.7 to 10.1 (1.4 miles)

Into Cypress Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Golf Courses; Highway/Road/Bridge Runoff (Nonconstruction Related): Irrigated Crop Production: Non-irrigated Crop Production; Surface Mining; Unspecified Urban Stormwater

Green/Tradewater Basin Management Unit Green River Basin **Rivers**

Lick Creek 5.0 to 13.8 (8.8 miles)

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization

Lindy Creek 0.0 to 0.9 (0.9 miles)

Into Lynn Camp Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Managed Pasture Grazing Sedimentation/Siltation Pollutant:

Suspected Sources: Dredging (e.g., for Navigation Channels); Managed Pasture Grazing

Warren County

Muhlenberg County

Henderson County

Hart County

Muhlenberg County

Pollutant: Suspected Sources	Specific Conductance Petroleum/Natural Gas Activities; Surface Mining; Unspecified Urban Stormwater
Pollutant: Suspected Sources	Total Dissolved Solids Petroleum/Natural Gas Production Activities (Permitted); Surface Mining; Unspecified Urban Stormwater

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

Little Muddy Creek 5.2 to 6.6 (1.4 miles)

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification

Little Muddy Creek 6.6 to 12.9 (6.3 miles)

Into Green River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources:
 Non-irrigated Crop Production

Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Long Creek 0.0 to 3.3 (3.3 miles)

Into Pond River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channel Erosion/Incision from Upstream Hydromodifications; Channelization; Loss of Riparian Habitat; Petroleum/Natural Gas Activities

Long Falls Creek 0.0 to 7.6 (7.6 miles)

Into Green River Reservoir	
Impaired Use: Primary Co	ontact Recreation Water (Nonsupport)
Pollutant:	Fecal Coliform
Suspected Sources:	Source Unknown
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)
Pollutant:	Sedimentation/Siltation
Suspected Sources:	Channelization; Irrigated Crop Production; Non-irrigated Crop Production; Surface Mining
Pollutant:	Total Dissolved Solids
Suspected Sources:	Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

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

McLean County

Butler County

Butler County

Muhlenberg County

Long Falls Creek 7.6 to 11. Into Green River Reservoir Impaired Use: Primary Co	<u>9 (4.3 miles)</u> ontact Recreation Water (Nonsupport)	McLean County
	Fecal Coliform Loss of Riparian Habitat	
Pollutant: Suspected Sources:	pH Acid Mine Drainage	
Impaired Use: Secondary Pollutant: Suspected Sources:	r Contact Recreation Water (Nonsupport) pH Acid Mine Drainage	
Impaired Use: Warm Wat Pollutant: Suspected Sources:	er Aquatic Habitat (Partial Support) pH Acid Mine Drainage	
Pollutant: Suspected Sources:	Sedimentation/Siltation Acid Mine Drainage; Channelization; Loss of Riparian Habit Crop Production	tat; Non-irrigated
Pollutant: Suspected Sources:	Total Dissolved Solids Acid Mine Drainage	

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.6 to 11.8.

Long Lick Creek 4.6 to 7.3 (2.7 miles)

Breckinridge County

Into Rough River Reservoir Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.6 to 7.3.

McGrady Creek 0.0 to 1.9 (1.9 miles)

Into Caney Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification Ohio County

Meeting Creek 5.2 to 14.0 (8.8 miles)	Hardin County
Into Rough River Reservoir Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land)	
Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture	
Middle Fork of Drakes Creek 0.0 to 7.8 (7.8 miles) Into Drakes Creek	Warren County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Loss of Riparian Habitat	
Mill Creek 0.0 to 4.2 (4.2 miles)	Ohio County
Into Smith Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown	
Mud River 0.0 to 9.1 (9.1 miles)	Muhlenberg County
Into Green River Impaired Use: Fish Consumption (Partial Support) Pollutant: PCB in Fish Tissue Suspected Sources: Industrial Point Source Discharge	
Mud River 9.1 to 30.9 (21.8 miles)	Muhlenberg County
Into Green River Impaired Use: Fish Consumption (Nonsupport) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown	
Pollutant: PCB in Fish Tissue Suspected Sources: Industrial Point Source Discharge	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron Suspected Sources: Source Unknown	
Mud River 30.9 to 52.2 (21.3 miles) Into Green River Impaired Use: Fish Consumption (Nonsupport) Pollutant: PCB in Fish Tissue	Logan County
Suspected Sources: Industrial Point Source Discharge	
Mud River 52.2 to 64.0 (11.8 miles) Into Green River Impaired Use: Fish Consumption (Nonsupport) Pollutant: PCB in Fish Tissue Suspected Sources: Industrial Point Source Discharge	Logan County

Muddy Creek 0.0 to 5.0 (5 r	niles)	Ohio County
Into Caney Fork		
Pollutant:	ter Aquatic Habitat (Partial Support) Sedimentation/Siltation	
	Habitat Modification - Other than Hydromodification	
Suspected Sources.		
Muddy Creek 0.0 to 5.9 (5.	<u>9 miles)</u>	Butler County
Into Green River		
	ontact Recreation Water (Partial Support)	
Pollutant:	Fecal Coliform	
Suspected Sources:	Source Unknown	
Muddy Creek 1.9 to 4.9 (3	<u>miles)</u>	Ohio County
Into Rough River		
-	ter Aquatic Habitat (Nonsupport)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Agriculture	
Muddy Creek 5.8 to 9.1 (3.	3 miles)	Ohio County
Into Rough River		
0	er Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Non-irrigated Crop Production; Permitted Runoff from Conf	ined Animal
	Feeding Operations (CAFOs)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Channelization; Non-irrigated Crop Production	
Muddy Creek 8.6 to 15.2 (6	<u>6.6 miles)</u>	Butler County
Into Green River		
	ter Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Agriculture; Crop Production (Crop Land or Dry Land); Loss Habitat	s of Riparian
Pollutant:	Oxygen, Dissolved	
-	Agriculture; Channelization	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Agriculture; Channelization; Crop Production (Crop Land o	• • • •
	Loss of Riparian Habitat; Streambank Modifications/Destab	mization
Narge Creek 2.6 to 4.2 (1.6	<u>miles)</u>	Hopkins County
Into Pond River		-
•	ter Aquatic Habitat (Nonsupport)	
Pollutant:	Cause Unknown	

Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.6 to 4.1.

Into South Fork Panther Creek	
Impaired Use: Warm Water Aquatic Habitat (Nor	support)
Pollutant: Cause Unknown	
Suspected Sources: Crop Production (Crop Hydromodification	Land or Dry Land); Habitat Modification - Other than
North Fork of Barnett Creek 0.0 to 2.3 (2.3 miles)	Ohio County
Into Barnett Creek	
Impaired Use: Warm Water Aquatic Habitat (Part	ial Support)
Pollutant: Sedimentation/Siltation	I
Suspected Sources: Channelization; Loss o	f Riparian Habitat; Non-irrigated Crop Production
North Fork of Nolin River 3.0 to 7.0 (4 miles)	Larue County
Into Nolin River (Reservoir)	
Impaired Use: Warm Water Aquatic Habitat (Nor	support)
Pollutant: Nutrient/Eutrophication	Biological Indicators
Suspected Sources: Municipal Point Source	Discharges; Urban Runoff/Storm Sewers
Pollutant: Organic Enrichment (S	ewage) Biological Indicators
Suspected Sources: Municipal Point Source	Discharges; Urban Runoff/Storm Sewers
North Fork of Panther Creek 0.0 to 4.2 (4.2 miles)	Daviess County

Into Panther Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Channelization; Irrigated Crop Production; Managed Pasture Grazing; Nonirrigated Crop Production

North Fork of Panther Creek 4.2 to 9.1 (4.9 miles)

Into Panther Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Fecal Coliform Pollutant: Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Loss of Riparian Habitat

Sedimentation/Siltation Pollutant: Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

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

North Fork Panther Creek 9.7 to 12.7 (3 miles)

Into Panther Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Phosphorus (Total) Pollutant: Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production **Daviess County**

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Daviess County

Hancock County

North Branch of South Fork of Panther Creek 0.0 to 4.2 (4.2 miles)

See Chapter 4	, Status of	TMDLs Un	ider Develop	oment Prior to	2012.

Old Panther Creek 0.4 to 5.3 (5.3 miles)

Into Panther Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown

Suspected Sources: Source Unknown

Old Panther Creek 5.7 to 8.8 (3.1 miles)

Into Panther Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification

Otter Creek 0.0 to 6.3 (6.3 miles)

Into Pond River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Non-irrigated Crop Production; Unspecified Urban Stormwater

Panther Creek 0.0 to 3.6 (3.6 miles)

Into Green River

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources:
 Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Unrestricted Cattle Access

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unrestricted Cattle Access

Panther Creek 0.1 to 3.0 (2.9 miles)

Into Green River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron Suspected Sources: Surface Mining Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Unspecified Urban Stormwater

Daviess County

Daviess County

Daviess County

Hopkins County

nban

Butler County

Pollutant:

Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Unspecified Urban Stormwater

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

Turbidity

Panther Creek 3.0 to 5.9 (2.9 miles) Daviess County

Into Green River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture

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

Panther Creek 17.9 to 20.4 (2.5 miles)

Into Green River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Phosphorus (Total) Suspected Sources: Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production; Source Unknown Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Irrigated Crop Production; Managed Pasture Grazing; Nonirrigated Crop Production; Source Unknown; Streambank Modifications/Destabilization

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pettys Fork 0.0 to 6.1 (6.1 miles)

Into Russell Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Livestock (Grazing or Feeding Operations)

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

Pigeon Creek 0.0 to 3.4 (3.4 miles) Into Muddy Creek

Pollutant:

Pollutant:

Suspected Sources: Acid Mine Drainage

Suspected Sources: Acid Mine Drainage; Non-irrigated Crop Production

Sedimentation/Siltation

Total Dissolved Solids

Ohio County

Adair County

Daviess County

Pleasant Run 0.0 to 2.1 (2.1 miles)

Into Drakes Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification

The Division of Water awarded \$756,286 (FFY2001) and \$720,440 (FFY2005) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to develop a watershed plan (completed May, 2007), restore abandoned mine lands and remediate acid mine drainage in the watershed (The FFY01 funds were divided between Pleasant Run and Fox Creek (a Tradewater River Basin tributary)). The Kentucky Division of Abandoned Mine Lands has allocated \$136,678 (1999), \$1,339,260 (2004) and \$984,701 (2007) in federal AML funds for reclamation projects in the Pleasant Run watershed.

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

Plum Creek 0.0 to 1.7 (1.7 miles)

Into Pond Creek/Atkins Swamp

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Chloride Suspected Sources: Inappropriate Waste Disposal Pollutant: Total Dissolved Solids Suspected Sources: Inappropriate Waste Disposal

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

Plum Creek 1.7 to 3.9 (2.2 miles)

Into Pond Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources: Habitat Modification - Other than Hydromodification

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

Pond Creek 4.95 to 7.5 (2.55 miles)

 Into Green River

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Chloride

 Suspected Sources:
 Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Channelization; Inappropriate Waste Disposal; Post-development Erosion and Sedimentation; Streambank Modifications/Destabilization; Surface Mining

Muhlenberg County

Muhlenberg County

Muhlenberg County

Hopkins County

Pollutant: **Total Dissolved Solids** Suspected Sources: Inappropriate Waste Disposal; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.8 to 7.6.

Pond Creek 7.5 to 11.7 (4.2 miles)

Into Green River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Chloride Suspected Sources: Acid Mine Drainage; Inappropriate Waste Disposal; Petroleum/Natural Gas Activities; Petroleum/Natural Gas Production Activities (Permitted); Surface Mining Pollutant: Sedimentation/Siltation Suspected Sources: Channelization: Petroleum/Natural Gas Activities: Petroleum/Natural Gas Production Activities (Permitted); Streambank Modifications/Destabilization; Surface Mining Pollutant: **Total Dissolved Solids** Suspected Sources: Acid Mine Drainage; Inappropriate Waste Disposal; Petroleum/Natural Gas Activities: Petroleum/Natural Gas Production Activities (Permitted): Surface Mining

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.6 to 11.7.

Pond Creek 11.7 to 14.4 (2.7 miles)

Pond Creek 11.7 to 14.4 (2.7 miles)	Muhlenberg County
Into Green River	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Coal Mining	
Pollutant: Total Dissolved Solids	
Suspected Sources: Coal Mining	
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
Pond Creek 14.4 to 18.1 (3.7 miles)	Muhlenberg County
Into Green River	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Cause Unknown	
Suspected Sources: Source Unknown	

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

Muhlenberg County

Pond	Creek	18.1	to 22.1	(4 miles)

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; **Unrestricted Cattle Access** Sedimentation/Siltation Pollutant:

Suspected Sources: Crop Production (Crop Land or Dry Land); Grazing in Riparian or Shoreline Zones; Loss of Riparian Habitat; Manure Runoff; Surface Mining; Unrestricted Cattle Access

Pollutant: Specific Conductance Suspected Sources: Agriculture; Surface Mining

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

Pond Drain 0.0 to 2.3 (2.3 miles)

Into Cypress Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production

Total Dissolved Solids Pollutant: Suspected Sources: Non-irrigated Crop Production

Pond River 1.0 to 20.8 (19.8 miles)

Into Green River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Iron Suspected Sources: Surface Mining Sedimentation/Siltation Pollutant: Suspected Sources: Surface Mining **Total Dissolved Solids** Pollutant: Suspected Sources: Habitat Modification - Other than Hydromodification; Surface Mining

Pond River 20.8 to 31.2 (10.4 miles)

Into Green River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Coal Mining (Subsurface); Habitat Modification - Other than Hydromodification; Surface Mining

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 20.8 to 31.1.

Muhlenberg County

McLean County

Hopkins County

Muhlenberg County

D-28

Green/Tradewater Basin Management Unit Green River Basin **Rivers**

Pond River 61.2 to 71.4 (10	<u>.2 miles)</u>	Muhlenberg County
Into Green River		
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Habitat Modification - Other than Hydromodification	
Pond Run 0.0 to 6.8 (6.8 m	iles)	Ohio County
Into Rough River		
Impaired Use: Primary Co	ontact Recreation Water (Partial Support)	
Pollutant:	Fecal Coliform	
Suspected Sources:	Source Unknown	
Render Creek 0.0 to 3.6 (3.	<u>6 miles)</u>	Ohio County
Into Lewis Creek		
Impaired Use: Warm Wat	ter Aquatic Habitat (Nonsupport)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Acid Mine Drainage; Channelization; Loss of Riparian I development Erosion and Sedimentation; Surface Mini	
Pollutant: Suspected Sources:	Total Dissolved Solids Acid Mine Drainage; Petroleum/Natural Gas Production (Permitted); Surface Mining	۱ Activities
Phodes Creek 0.0 to 1.9 (1	9 miles)	Daviase County

Rhodes Creek 0.0 to 1.9 (1.9 miles)

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Non-irrigated Crop Production; Unspecified Urban Stormwater

Rhodes Creek 0.0 to 2.2 (2.2 miles)

Into Panther Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Phosphorus (Total) Pollutant: Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

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

Rhodes Creek 2.2 to 7.5 (5.3 miles)

Into Panther Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Crop Production (Crop Land or Dry Land); Non-irrigated Crop Production Pollutant: Phosphorus (Total) Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Streambank Modifications/Destabilization

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

Daviess County

Daviess County

Daviess County

Richland Slough 0.0 to 3.95 (3.95 miles)

Into Green River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Non-irrigated Crop Production

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 4.9.

Robinson Creek 9.8 to 11.0 (1.2 miles)

Into Green River (Reservoir) Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Non-Point Source Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Non-Point Source

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 8.8 to 10.8.

Rough River 0.0 to 10.4 (10.4 miles)

Into Green River Impaired Use: Primary Contact Recreation Water (Nonsupport) Fecal Coliform Pollutant: Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron Suspected Sources: Source Unknown

Pollutant: Lead Suspected Sources: Source Unknown

Rough River 55.1 to 64.3 (9.2 miles)

Into Green River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron Suspected Sources: Source Unknown

Ohio County

Taylor County

McLean County

Henderson County

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators

Suspected Sources: Agriculture Sedimentation/Siltation Pollutant: Suspected Sources: Agriculture; Loss of Riparian Habitat

Impaired Use: Primary Contact Recreation Water (Partial Support)

Fecal Coliform

Sand Lick Creek 0.0 to 4.0 (4 miles)

Rough River 125.2 to 149.4 (24.2 miles)

Salt Lick Creek 0.0 to 1.4 (1.4 miles)

Suspected Sources: Source Unknown

Into Green River

Into Gasper River

Pollutant:

Pollutant:

Into Pond Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

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

Skaggs Creek 12.7 to 23.5 (10.8 miles)

Into Barren River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 5.5 to 23.3.

South Fork of Beaver Creek 0.0 to 3.2 (3.2 miles)

Into Beaver Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Source Unknown

South Fork of Little Barren River 23.1 to 30.1 (7 miles) Into Little Barren River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Municipal Point Source Discharges

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

Green River Basin **Rivers**

Green/Tradewater Basin Management Unit

Muhlenberg County

Hardin County

Warren County

Barren County

Metcalfe County

Barren County

South Fork of Panther Cree	k 0.0 to 2.4 (2.4 miles)	Daviess County
Impaired Use: Primary Co	ntact Recreation Water (Nonsupport) Fecal Coliform	
Suspected Sources:	Source Unknown	
Impaired Use: Warm Wate	er Aquatic Habitat (Partial Support)	
Pollutant:	Copper	
	Irrigated Crop Production; Loss of Riparian Habitat; Non-irr Production; Silviculture Harvesting; Streambank Modifications/Destabilization	igated Crop
Suspected Sources:	Nutrient/Eutrophication Biological Indicators Irrigated Crop Production; Loss of Riparian Habitat; Non-irr Production; Silviculture Harvesting; Streambank Modifications/Destabilization	igated Crop
Suspected Sources:	Phosphorus (Total) Irrigated Crop Production; Loss of Riparian Habitat; Non-irr Production; Silviculture Harvesting; Streambank Modifications/Destabilization	igated Crop
Suspected Sources:	Sedimentation/Siltation Irrigated Crop Production; Loss of Riparian Habitat; Non-irr Production; Silviculture Harvesting; Streambank Modifications/Destabilization	igated Crop
See Chapter 4 Status of TM	N s Under Development Prior to 2012 and Chapter 7 TMD	I s Planned for

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

South Fork of Panther Creek 2.4 to 9.55 (7.15 miles)

Into Panther Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

South Fork of Panther Creek 9.55 to 14.0 (4.45 miles)

Into Panther Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Managed Pasture Grazing

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Phosphorus (Total) Pollutant: Suspected Sources: Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production Pollutant: Sedimentation/Siltation

Suspected Sources: Habitat Modification - Other than Hydromodification; Irrigated Crop Production; Managed Pasture Grazing; Non-irrigated Crop Production

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

Daviess County

Daviess County

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

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

South Fork of Panther Creek 14.0 to 18.3 (4.3 miles)

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport)

Fecal Coliform

Sunfish Creek 6.8 to 10.3 (3.5 miles)

Sputzman Creek 1.3 to 4.4 (3.1 miles)

Into Bear Creek

Into Panther Creek

Into Green River

Pollutant:

Public Notice During 2012.

Pollutant:

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

Sweepstakes Branch 1.0 to 4.0 (3 miles)

Into South Fork Panther Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Irrigated Crop Production; Non-irrigated Crop Production

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

Sycamore Creek 0.0 to 1.6 (1.6 miles)

Into Bear Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Cause Unknown Pollutant: Suspected Sources: Habitat Modification - Other than Hydromodification

Taylor Fork 0.0 to 4.0 (4 miles)

Into Bear Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Managed Pasture Grazing; Unspecified Urban Stormwater

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

Nutrient/Eutrophication Biological Indicators

Grayson County

Edmonson County

Grayson County

Daviess County

Henderson County

Daviess County

Three Lick Fork 0.0 to 3.3 (3.3 miles)

Green/Tradewater Basin Management Unit Green River Basin **Rivers**

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Non-irrigated Crop Production Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining Logan County

Town Branch 0.0 to 6.2 (6.2 miles)

Into Muddy Creek

Into Mud River Impaired Use: Fish Consumption (Nonsupport) Pollutant: Polychlorinated biphenyls Suspected Sources: Industrial Point Source Discharge

UT of Cypress Creek 0.0 to 3.4 (3.4 miles)

Into Cypress Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Coal Mining

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

UT to Butler Branch 0.0 to 1.7 (1.7 miles)

Into Butler Branch Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

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UT to Cool Springs Creek 0.0 to 1.6 (1.6 miles)

Into Cool Springs Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Loss of Riparian Habitat

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Adair County

Adair County

Ohio County

Muhlenberg County

D-34

Green/Tradewater Basin Management Unit Green River Basin **Rivers**

UT to Cypress Creek 0.0 to 1.1 (1.1 miles)

Into Cypress Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Specific Conductance Pollutant: Suspected Sources: Coal Mining

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

UT to Cypress Creek 0.0 to 1.45 (1.45 miles)

Into Cypress Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Irrigated Crop Production; Loss of Riparian Habitat; Managed Pasture Grazing; Non-irrigated Crop Production; Unspecified Urban Stormwater Pollutant: Specific Conductance Suspected Sources: Coal Mining

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

UT to Cypress Creek 0.0 to 8.1 (8.1 miles)

Into Cypress Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Loss of Riparian Habitat Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Streambank Modifications/Destabilization

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

UT to Drakes Creek 0.0 to 2.2 (2.2 miles)

Into Drakes Creek		
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Loss of Riparian Habitat; Site Clearance (Land Developme Redevelopment); Urban Runoff/Storm Sewers	nt or
Pollutant:	Sedimentation/Siltation	
	Channelization; Loss of Riparian Habitat; Site Clearance (L Development or Redevelopment); Urban Runoff/Storm Sev	
UT to Elk Creek 0.0 to 1.0 (1 miles)	Hopkins County

UT to Elk Creek 0.0 to 1.0 (1 miles)

Into Elk Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

Muhlenberg County

Muhlenberg County

Muhlenberg County

Hopkins County

<u>UT to EIK Creek 0.0 to 3.9 (3.9 miles)</u> Into Elk Creek	Hopkins County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Loss of Riparian Habitat; Unrestricted Cattle	Access
Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Unr Access	restricted Cattle
Pollutant: Specific Conductance Suspected Sources: Agriculture	
The river miles for this segment have been changed to reflect the National Hydrograph segment was formerly 0.0 to 2.6.	ny Data Set. This
UT to Flat Creek 0.0 to 3.1 (3.1 miles)	Hopkins County
Into Flat Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Surface Mining	
<u>UT to Flat Creek 3.1 to 4.1 (1 miles)</u> Into Flat Creek	Hopkins County
Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)	
UT to Little Cypress Creek 0.0 to 1.75 (1.75 miles)MInto Little Cypress CreekImpaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:Specific ConductancePollutant:Specific ConductanceSuspected Sources: Coal Mining	Iuhlenberg County
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
UT to Little Cypress Creek 0.0 to 3.25 (3.25 miles)MInto Little Cypress CreekImpaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:Specific ConductanceSuspected Sources: Coal Mining	Iuhlenberg County
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
UT to Pond Creek 0.0 to 2.4 (2.4 miles) M Into Pond Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Surface Mining See Chapter 4, Status of TMDLs Under Development Prior to 2012. M	Iuhlenberg County
See Ghapler 4, Status of TWIDLS Under Development Prior to 2012.	

UT to Richland Creek 0.0 to 1.7 (1.7 miles) Into Richland Creek	Butler County
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture	
Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Loss of Riparian Habitat	
UT to UT to Little Cypress Creek 0.0 to 2.6 (2.6 miles) Into UT of Little Cypress Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Coal Mining	Muhlenberg County
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
UT to West Bays Fork 0.0 to 1.0 (1 miles) Into West Bays Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Loss of Riparian Habitat; Unrestricted Catter	Allen County
Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization; Unrestricted Cattle Acce	SS
Pollutant: Specific Conductance Suspected Sources: Agriculture; Unrestricted Cattle Access	
UT to West Fork of Lewis Creek 0.0 to 2.2 (2.2 miles) Into West Fork Lewis Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Habitat Modification - Other than Hydromodification	Ohio County
UT to Wiggington Creek 0.9 to 1.9 (1 miles) Into Wiggington Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown	Logan County
Valley Creek 0.0 to 3.6 (3.6 miles) Into Nolin River	Hardin County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown	

rancy ereen er te rete (=		narani eeaniy
Into Nolin River		
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)	
Pollutant:	Cause Unknown	
Suspected Sources:	Crop Production (Crop Land or Dry Land); Highway/Road/E (Non-construction Related); Livestock (Grazing or Feeding Loss of Riparian Habitat; Streambank Modifications/Destab	Operations);
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources:	Crop Production (Crop Land or Dry Land); Industrial Point S Discharge; Livestock (Grazing or Feeding Operations)	Source
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Crop Production (Crop Land or Dry Land); Highway/Road/E (Non-construction Related); Industrial Point Source Discha (Grazing or Feeding Operations); Loss of Riparian Habitat; Modifications/Destabilization	rge; Livestock
See Chapter 4, Status of TM	DLs Under Development Prior to 2012.	
West Fork of Drakes Creek	0.0 to 23.3 (23.3 miles)	Simpson County
Into Drakes Creek		
Impaired Use: Fish Consi	umption (Partial Support)	
Pollutant:	DCB in Eich Ticcuo	

PCB in Fish Tissue Pollutant:

Suspected Sources: Industrial Point Source Discharge; Unpermitted Discharge (Industrial/Commercial Wastes)

West Fork of Drakes Creek 26.7 to 32.1 (5.4 miles)

Valley Creek 8.4 to 10.8 (2.4 miles)

Into Drakes Creek Impaired Use: Fish Consumption (Partial Support) Pollutant: PCB in Fish Tissue Suspected Sources: Industrial Point Source Discharge

West Fork of Pond River 1.6 to 8.7 (7.3 miles)

Into Pond River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Habitat Modification - Other than Hydromodification: Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

West Fork of Pond River 20.3 to 26.0 (5.7 miles)

Into Pond River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Habitat Modification - Other than Hydromodification; Livestock (Grazing or Feeding Operations)

Hardin County

Simpson County

Christian County

Christian County

Wolf Branch Ditch 0.0 to 4.1 (4.1 miles)

Into Rhodes Creek	
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	Irrigated Crop Production; Non-irrigated Crop Production
Pollutant: Suspected Sources:	Phosphorus (Total) Irrigated Crop Production; Non-irrigated Crop Production
Pollutant: Suspected Sources:	Sedimentation/Siltation Channelization; Irrigated Crop Production; Loss of Riparian Habitat; Non- irrigated Crop Production
See Chapter 4, Status of TM	DLs Under Development Prior to 2012.

Wolf Lick Creek 0.0 to 14.6 (14.6 miles)

Into Mud River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Silviculture Activities Pollutant: Oxygen, Dissolved Suspected Sources: Agriculture Pollutant: Sedimentation/Siltation

Suspected Sources: Agriculture; Silviculture Activities; Streambank Modifications/Destabilization

Daviess County

Logan County

D-39

Green/Tradewater Basin Management Unit Green River Basin Springs

D.2 Green River Basin Springs

Goodman Springs (9000-0230) (1 miles)

Into Nolin River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

Goren Mill Spring (9000-0793) (1 miles)

Into Green River

Impaired Use: Primary Contact Recreation Water (Nonsupport)Pollutant:Escherichia coliSuspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Source Unknown

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Graham Spring (9000-0051) (1 miles) Warren County Into Barren River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Source Unknown Head of Rough River Spring 154.85 to 155.8 (0.95 miles) Hardin County Into Rough River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown Impaired Use: Warm Water Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Source Unknown Warren County Lost River Rise (9000-0054) (1 miles)

Into Jennings Creek Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

Hart County

Hardin County

Green/Tradewater Basin Management Unit Green River Basin Springs

Mahurin Spring (9000-0202) (1 miles)

Into Spring Fork Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

McCoy Bluehole Spring (9000-0792) (1 miles)

Into Green River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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Mill Spring (9000-1193) (1 miles)

Into Nolin River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

Nolynn Spring (9000-2673) (1 miles)

Into North Fork Nolin River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Source Unknown

Skees KW#1 (9000-1398) (1 miles)

Into Nolin River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Source Unknown Grayson County

Hart County

Larue County

Grayson County

Hardin County

Green/Tradewater Basin Management Unit Green River Basin Freshwater Reservoirs

Taylor County

D.3 Green River Basin Freshwater Reservoirs

Campbellsville City Reservoir (63 acres)

Trace Fork Little Pitman Creek - Impoundment Impaired Use: Secondary Contact Recreation Water (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Natural Sources; Upstream Source

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Caneyville City Reservoir (75 acres) **Grayson County** Bennett Fork to North Fork of Caney Creek - Impoundment Impaired Use: Domestic Water Supply (Partial Support) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Natural Sources Impaired Use: Secondary Contact Recreation Water (Partial Support) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Shallow Lake/Reservoir Basin Pollutant: Sedimentation/Siltation Suspected Sources: Shallow Lake/Reservoir Basin Green River Reservoir (8210 acres) **Taylor County** Green River - Impoundment Impaired Use: Fish Consumption (Partial Support) Mercury in Fish Tissue Pollutant: Suspected Sources: Source Unknown PCB in Fish Tissue Pollutant: Suspected Sources: Industrial Point Source Discharge Lake Luzerne (55 acres) **Muhlenberg County** UT to Caney Creek - Impoundment Impaired Use: Domestic Water Supply (Partial Support) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Source Unknown Logan County Lake Malone (826 acres) Rocky Creek - Impoundment Impaired Use: Fish Consumption (Partial Support) Mercury in Fish Tissue Pollutant: Suspected Sources: Source Unknown Rough River Reservoir (5100 acres) Hardin County Rough River - Impoundment Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Green/Tradewater Basin Management Unit Green River Basin Freshwater Reservoirs

Spa Lake (240 acres)

Logan County

 Wolf Lick Creek - Impoundment

 Impaired Use: Secondary Contact Recreation Water (Partial Support)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources: Natural Sources

D.4 Ohio River Basin Rivers

Bayou Creek 0.0 to 18.9 (18.9 miles)

Into Ohio River

0 011		
Impa	aired Use: Warm Wat	ter Aquatic Habitat (Nonsupport)
	Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources: Source Unknown		Source Unknown
	Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Source Unknown
	Pollutant: Suspected Sources:	Sedimentation/Siltation Loss of Riparian Habitat

The river miles for this segment have been changed to more accurately reflect the National Hydrography Data Set. This segment was formerly 0.0 to 19.1.

Bear Run 1.6 to 1.9 (0.3 miles)

Into Clover Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Managed Pasture Grazing; Silviculture Harvesting

Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing; Silviculture Harvesting

Bell Ditch 0.0 to 2.8 (2.8 miles)

Into Pup Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Blackford Creek 0.0 to 3.8 (3.8 miles)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Nonsupport) Fecal Coliform Pollutant: Suspected Sources: Source Unknown

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.2 to 4.0.

Blackford Creek 3.8 to 8.1 (4.3 miles)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Hancock County

Breckinridge County

Daviess County

Livingston County

Hancock County

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 4.0 to 8.4.

Canoe Creek 2.4 to 5.0 (2.6 Into Ohio River Impaired Use: Primary Co Pollutant: Suspected Sources:	ontact Recreation Water (Nonsupport) Fecal Coliform	Henderson County
Impaired Use: Secondary Pollutant: Suspected Sources:	Contact Recreation Water (Nonsupport) Fecal Coliform Source Unknown	
Impaired Use: Warm Wat Pollutant: Suspected Sources:	er Aquatic Habitat (Nonsupport) Chromium (total) Source Unknown	
Pollutant: Suspected Sources:	Copper Source Unknown	
Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators Non-irrigated Crop Production	
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Package Plant or Other Permitted Small Flows Discharg	jes
Pollutant: Suspected Sources:	Sedimentation/Siltation Non-irrigated Crop Production; Package Plant or Other I Flows Discharges	Permitted Small
Pollutant: Suspected Sources:	Zinc Source Unknown	

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

Casey Creek 0.6 to 9.7 (9.1 miles)

Into Highland Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: **Total Dissolved Solids** Suspected Sources: Drainage/Filling/Loss of Wetlands; Petroleum/Natural Gas Production Activities (Permitted)

Clover Creek 7.4 to 10.3 (2.9 miles)

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Crop Production (Crop Land or Dry Land); Impacts from Hydrostructure Flow Regulation/Modification; Livestock (Grazing or Feeding Operations)

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 7.7 to 9.2.

D-44

Breckinridge County

Union County

Crooked Creek 0.0 to 11.9 (11.9 miles)

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Source Unknown

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 12.1.

Crooked Creek 11.9 to 26.2 (14.3 miles)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Crop Production (Crop Land or Dry Land)

Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Municipal Point Source Discharges; Urban Runoff/Storm Sewers

Pollutant: Sedimentation/Siltation

Suspected Sources: Highways, Roads, Bridges, Infrastructure (New Construction); Municipal Point Source Discharges; Urban Runoff/Storm Sewers

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 12.1 to 26.4.

Deer Creek 0.0 to 8.1 (8.1 miles)		Livingston County
Into Ohio River		
Impaired Use: Warm V	Vater Aquatic Habitat (Nonsupport)	
Pollutant:	Cause Unknown	
Suspected Source	es: Agriculture	
Dennis O'nan Ditch/Cyp	ress Creek 0.4 to 10.9 (10.5 miles)	Union County
Into Tradewater River		
Impaired Use: Primary	Contact Recreation Water (Nonsupport)	
Pollutant:	Fecal Coliform	
Suspected Source	es: Agriculture	
Dyer Hill Creek 0.4 to 6.0	<u>) (5.6 miles)</u>	Livingston County
Into Ohio River		
Impaired Use: Warm V	Vater Aquatic Habitat (Partial Support)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	

Crittenden County

Crittenden County

Pollutant:	Sedimentation/Siltation
Suspected Sources:	Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization
Pollutant:	Specific Conductance

Suspected Sources: Agriculture

East Fork of Canoe Creek 0.0 to 4.4 (4.4 miles)

Into Canoe Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Oxygen, DissolvedSuspected Sources: Drought-related Impacts; Loss of Riparian HabitatPollutant:Sedimentation/Siltation

Suspected Sources: Agriculture; Channelization

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

Goose Pond Ditch 0.0 to 9.55 (9.55 miles)

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

The former listing was Goose Pond Ditch/Wardens Slough (0 to 13.6). The original assessment was made on an unnamed stream in the NHD and the GNIS database. The streams were added to the GNIS database as two separate streams. The NHD also changed the river miles for Goose Pond Ditch and added the UT to Goose Pond Ditch, which was originally assessed as Goose Pond Ditch.

Highland Creek 0.0 to 7.6 (7.6 miles)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture; Loss of Riparian Habitat Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Agriculture; Highways, Roads, Bridges, Infrastructure (New Construction);

Loss of Riparian Habitat; Streambank Modifications/Destabilization

Highland Creek 7.6 to 21.4 (13.8 miles)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Agriculture Henderson County

Union County

Union County

Henderson County

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron Suspected Sources: Coal Mining (Subsurface); Petroleum/Natural Gas Activities

Sadler Creek 0.0 to 2.4 (2.4 miles)

Into Buck Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Loss of Riparian Habitat; Streambank Modifications/Destabilization

Sugg Creek 0.0 to 1.3 (1.3 miles)

Into Cypress Creek

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Sedimentation/Siltation

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

 Pollutant:
 Turbidity

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

 Pollutant:
 Turbidity

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

UT to Goose Pond Ditch 0.0 to 1.65 (1.65 miles)

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Cause Unknown

Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

The former listing was Goose Pond Ditch/Wardens Slough (0 to 13.6). The original assessment was made on an unnamed stream in the NHD and the GNIS database. The NHD changed the river miles for Goose Pond Ditch during the split and added the UT to Goose Pond Ditch, which was originally assessed as part of Goose Pond Ditch.

UT to Rush Creek 0.0 to 1.3 (1.3 miles)

Into Crooked Creek	
Impaired Use: Warm	Water Aquatic Habitat (Partial Support)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sourc	es: Municipal Point Source Discharges
Pollutant: Suspected Sourc	Organic Enrichment (Sewage) Biological Indicators es: Municipal Point Source Discharges
Pollutant: Suspected Sourc	Specific Conductance es: Municipal Point Source Discharges

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

Wardens Slough 1.2 to 3.3 (1.1 miles)

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization

Union County

Union County

Livingston County

Habitat;

Crittenden County

Union County

The former listing was Goose Pond Ditch/Wardens Slough (0 to 13.6). The original assessment was made on an unnamed stream in the NHD and the GNIS database. The streams were added to the GNIS database as two separate streams.

Green/Tradewater Basin Management Unit Ohio River Basin Freshwater Reservoirs

D.5 Ohio River Basin Freshwater Reservoirs

Carpenter Lake (64 acres)

UT to Pup Creek - Impoundment

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Upstream Source

Pollutant: Oxygen, Dissolved Suspected Sources: Agriculture; Upstream Source

Scenic Lake (18 acres)

UT to Ohio River - Impoundment Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Contaminated Sediments; Internal Nutrient Recycling

Daviess County

Henderson County

D.6 Tradewater River Basin Rivers

Bishop Ditch 0.0 to 2.7 (2.7 miles)

Into Caney Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining

Pollutant: Sedimentation/Siltation Suspected Sources: Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining Pollutant: Turbidity

Suspected Sources: Animal Feeding Operations (NPS); Non-irrigated Crop Production; Surface Mining

Buffalo Creek 0.0 to 6.8 (6.8 miles)

Into Tradewater River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pollutant: **Total Dissolved Solids** Suspected Sources: Source Unknown

Bull Creek 0.0 to 1.0 (1 miles)

Into Slover Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Habitat Modification - Other than Hydromodification; Nonirrigated Crop Production

Caney Creek 0.0 to 3.3 (3.3 miles)

Into Donaldson Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Non-irrigated Crop Production; Source Unknown Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Non-irrigated Crop Production; Source Unknown

Hopkins County

Caldwell County

Webster County

Webster County

Caney Creek 0.0 to 8.2 (8.	2 miles)	Hopkins County
Into Tradewater River		
Impaired Use: Primary C	contact Recreation Water (Nonsupport)	
Pollutant:	рН	
Suspected Sources	: Acid Mine Drainage; Surface Mining	
Impaired Use: Secondar	y Contact Recreation Water (Nonsupport)	
Pollutant:	рН	
Suspected Sources	: Acid Mine Drainage; Surface Mining	
Impaired Use: Warm Wa	ter Aquatic Habitat (Nonsupport)	
Pollutant:	pH	
Suspected Sources	: Acid Mine Drainage; Surface Mining	
Pollutant:	Sedimentation/Siltation	
Suspected Sources	: Acid Mine Drainage; Channelization; Loss of Riparian Hab	oitat; Surface
	Mining	
Pollutant:	Specific Conductance	
Suspected Sources	: Acid Mine Drainage; Surface Mining	
Pollutant:	Total Dissolved Solids	
Suspected Sources	: Acid Mine Drainage; Surface Mining	

KDOW awarded \$756,286 Section 319(h) Grant funds (FFY2001) to the Kentucky Division of Abandoned Mine Lands to restore abandoned mine sites and remediate acid mine drainage in Pleasant Run (a Green River Basin tributary) and Fox Run, a tributary to Caney Creek. The Kentucky Division of Abandoned Mine Lands has also allocated \$359,908 (2001) in federal AML funds for reclamation projects in the Copperas Creek watershed, a direct tributary to Caney Creek.

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

Caney Fork 3.4 to 7.9 (4.5 miles)

Into Craborchard Creek	
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)
	Nutrient/Eutrophication Biological Indicators Non-irrigated Crop Production
Pollutant: Suspected Sources:	Sedimentation/Siltation Non-irrigated Crop Production

Castleberry Creek 0.0 to 2.1 (2.1 miles)

Into Tra	idewater River	
Impa	aired Use: Warm Wat	er Aquatic Habitat (Partial Support)
	Pollutant:	Nutrient/Eutrophication Biological Indicators
	Suspected Sources:	Managed Pasture Grazing
	Pollutant:	Sedimentation/Siltation
	Suspected Sources:	Loss of Riparian Habitat; Managed Pasture Grazing
	Pollutant:	Total Dissolved Solids
	Suspected Sources:	Managed Pasture Grazing
	Pollutant:	Turbidity
	Suspected Sources:	Loss of Riparian Habitat; Managed Pasture Grazing

Webster County

Christian County

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Clear Creek 0.0 to 7.5 (7.5 miles)

Into Tradewater River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:Cause UnknownSuspected Sources:Source UnknownPollutant:Nutrient/Eutrophication Biological IndicatorsSuspected Sources:Source UnknownPollutant:Organic Enrichment (Sewage) Biological IndicatorsSuspected Sources:Source UnknownPollutant:Organic Enrichment (Sewage) Biological IndicatorsSuspected Sources:Source UnknownPollutant:Oxygen, DissolvedSuspected Sources:Source Unknown

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

Clear Creek 19.4 to 26.2 (6.8 miles)

Into Tradewater River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Source Unknown

Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Surface Mining

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

Clear Creek 26.2 to 26.5 (0.3 miles)

Into Tradewater River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

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

D-52

Hopkins County

Hopkins County

Hopkins County

Copper Creek 0.0 to 2.7 (2.7 miles)

Into Richland Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Coal Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Coal Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron

Suspected Sources: Coal Mining

Pollutant: pH Suspected Sources: Coal Mining

Pollutant: Specific Conductance Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining

Pollutant: Zinc Suspected Sources: Coal Mining

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

Copperas Creek 0.0 to 3.6 (3.6 miles)

Hopkins County

Into Caney Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cadmium Suspected Sources: Source Unknown

Pollutant: Iron Suspected Sources: Source Unknown

Pollutant: Nickel Suspected Sources: Source Unknown

Pollutant: Specific Conductance Suspected Sources: Source Unknown

Pollutant: Total Dissolved Solids Suspected Sources: Source Unknown

Pollutant: Zinc Suspected Sources: Source Unknown

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

Hopkins County

Rivers

Craborchard Creek (including Vaughn Ditch) 0.0 to 14.7 (14.7 miles)

Into Tradewater River

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Craborchard Creek 19.2 to 21.3 (2.1 miles)

Into Tradewater River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Non-irrigated Crop Production

> Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 19.2 to 21.5.

Cypress Creek 0.5 to 3.3 (2.8 miles)

Into Tradewater River Impaired Use: Primary Contact Recreation Water (Nonsupport)

Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Donaldson Creek 0.0 to 14.2 (14.2 miles)

Into Tradewater River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

Impaired Use: Secondary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: Source Unknown

East Fork of Hurricane Creek 0.0 to 2.2 (2.2 miles)

Into Hurricane Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Coal Mining Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining

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

Hopkins County

Union County

Webster County

Hopkins County

Webster County

Fox Run 0.0 to 1.1 (1.1 miles)

Into Caney Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Coal Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Coal Mining

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 pH

 Suspected Sources: Coal Mining

 Pollutant:
 Specific Conductance

 Suspected Sources: Coal Mining

 Pollutant:
 Total Dissolved Solids

 Suspected Sources: Coal Mining

The Division of Water awarded \$756,286 (FFY2001) Section 319(h) Grant funds to the Division of Abandoned Mine Lands to restore abandoned mine lands and remediate acid mine drainage in the Fox Run and Pleasant Run (a Green River Basin tributary) watersheds. The Kentucky Division of Abandoned Mine Lands has allocated \$1,339,260 (2004) in federal AML funds for reclamation projects in the Fox Run and Pleasant Run watersheds.

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

Hurricane Creek 0.0 to 1.8 (1.8 miles)

Hopkins County

Into Tradewater River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Coal Mining; Source Unknown

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH

Suspected Sources: Coal Mining; Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Iron Suspected Sources: Coal Mining

Pollutant: pH Suspected Sources: Coal Mining; Source Unknown

Pollutant: Specific Conductance Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining

Pollutant: Zinc Suspected Sources: Coal Mining

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

Hopkins County

Lambs Creek 0.0 to 3.3 (3.3 miles) **Hopkins County** Into Clear Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Source Unknown Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining **Total Dissolved Solids** Pollutant: Suspected Sources: Surface Mining See Chapter 4, Status of TMDLs Under Development Prior to 2012. Hopkins County Lick Creek 0.0 to 11.9 (11.9 miles) Into Clear Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Surface Mining See Chapter 4, Status of TMDLs Under Development Prior to 2012. Webster County Lynn Fork 0.0 to 2.4 (2.4 miles) Into Craborchard Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production

Pigeonroost Creek 0.0 to 3.9 (3.9 miles)

Into Tradewater River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Pollutant: Suspected Sources: Agriculture Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture

Pond Creek 0.0 to 5.5 (5.5 miles)

Into Clear Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining Pollutant: Turbidity Suspected Sources: Channelization; Loss of Riparian Habitat; Non-irrigated Crop Production; Surface Mining

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

Hopkins County

Crittenden County

Rivers	
Richland Creek 0.0 to 4.5 (4.5 miles)	Hopkins County
Into Clear Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Channelization; Loss of Riparian Habitat; Managed F	Pasture Grazing
	Ũ
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
Tradewater River 0.0 to 16.8 (16.8 miles)	Union County
Into Ohio River	
Impaired Use: Primary Contact Recreation Water (Nonsupport)	
Pollutant: Fecal Coliform	
Suspected Sources: Agriculture	
Tradewater River 20.6 to 46.4 (25.8 miles)	Webster County
Into Ohio River	
Impaired Use: Primary Contact Recreation Water (Nonsupport)	
Pollutant: Fecal Coliform	
Suspected Sources: Source Unknown	
Impaired Use: Secondary Contact Recreation Water (Nonsupport)	
Pollutant: Fecal Coliform	
Suspected Sources: Source Unknown	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Iron	-1)
Suspected Sources: Coal Mining; Crop Production (Crop Land or Dry Lan	a)
Tradewater River 63.1 to 79.4 (16.3 miles)	Hopkins County
Into Ohio River	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Surface Mining	
Tradewater River 98.5 to 111.1 (12.6 miles)	Christian County
Into Ohio River	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Nutrient/Eutrophication Biological Indicators	
Suspected Sources: Agriculture	
Pollutant: Oxygen, Dissolved	·· · ·
Suspected Sources: Agriculture; Sanitary Sewer Overflows (Collection Sy	stem Failures)
Pollutant: Sedimentation/Siltation	
Suspected Sources: Agriculture; Channelization; Sanitary Sewer Overflow	s (Collection System
Failures)	
Tyson Branch 0.0 to 2.5 (2.5 miles)	Caldwell County
Into Tradewater River	,
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Cause Unknown	

Pollutant: Cause Unknown

Suspected Sources: Habitat Modification - Other than Hydromodification

Rivers

Rivers		
UT to Copper Creek 0.0 to 1.1 (1.1 miles) Into Copper Creek	Hopkins County	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Coal Mining		
Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining		
See Chapter 4, Status of TMDLs Under Development Prior to 2012.		
UT to Copperas Creek 0.0 to 0.9 (0.9 miles)Into Copperas CreekImpaired Use: Primary Contact Recreation Water (Nonsupport)Pollutant:pHSuspected Sources: Source Unknown	Hopkins County	
Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Source Unknown		
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cadmium Suspected Sources: Source Unknown		
Pollutant: Iron Suspected Sources: Source Unknown		
Pollutant: pH Suspected Sources: Source Unknown		
Pollutant: Specific Conductance Suspected Sources: Source Unknown		
Pollutant: Total Dissolved Solids Suspected Sources: Source Unknown		
Pollutant: Zinc Suspected Sources: Source Unknown		
See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013.		
UT to Donaldson Creek 0.0 to 1.8 (1.8 miles) Caldwell County		

Into Donaldson Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat; Streambank Modifications/Destabilization Pollutant: Specific Conductance Suspected Sources: Channelization; Crop Production (Crop Land or Dry Land)

Rivers

UT to Hurricane Creek 0.0 to 0.2 (0.2 miles)

Into Hurricane Creek

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Coal Mining

Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH Suspected Sources: Coal Mining

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron

Suspected Sources: Coal Mining

Pollutant: Nitrates Suspected Sources: Source Unknown

Pollutant: pH Suspected Sources: Coal Mining

Pollutant: Specific Conductance Suspected Sources: Coal Mining

Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining

Pollutant: Zinc Suspected Sources: Coal Mining

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

UT to Slover Creek 0.0 to 1.5 (1.5 miles)

Into Slover Creek	
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)
Pollutant:	Sedimentation/Siltation
	Crop Production (Crop Land or Dry Land); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Streambank Modifications/Destabilization
	Specific Conductance Crop Production (Crop Land or Dry Land); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat

UT to UT to Slover Creek 0.0 to 1.2 (1.2 miles)

Into UT to Slover Creek		
Impaired Use: Warm Water Aquatic Habitat (Partial Support)		
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Agriculture; Channelization; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat	
	Specific Conductance Agriculture; Crop Production (Crop Land or Dry Land); Loss of Riparian Habitat	

Webster County

Webster County

UT to UT to Slover Creek 0.2 to 1.5 (1.3 miles)

Into Slover Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Surface Mining

Pollutant: Total Dissolved Solids Suspected Sources: Surface Mining

Ward Creek 5.1 to 10.3 (5.4 miles)

Into Flynn Fork

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Weirs Creek 0.0 to 4.9 (4.9 miles)

 Into Clear Creek

 Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources: Non-irrigated Crop Production

 Pollutant:
 Sedimentation/Siltation

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

 Pollutant:
 Turbidity

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

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

Wolf Creek 0.0 to 1.0 (1 miles)

Into Tradewater River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Webster County

Caldwell County

Hopkins County

Crittenden County

Appendix E. Big Sandy/Little Sandy/Tygarts Basin Unit 303(d) List: Narrative

Floyd County

Floyd County

E.1 Big Sandy River Basin Rivers

Abbott Creek 0.0 to 3.2 (3.2 mi)

Into Levisa Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nitrogen (Total) Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining Pollutant: Oxygen, Dissolved Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining Pollutant: Turbidity Suspected Sources: Package Plant or Other Permitted Small Flows Discharges; Surface Mining

Arkansas Creek 0.0 to 3.6 (3.6 mi)

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Sedimentation/Siltation Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification Pollutant: Specific Conductance Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities Pollutant: **Total Dissolved Solids** Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

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

Arnold Fork 0.0 to 2.6 (2.6	<u>6 mi)</u>	Knott County
Into Right Fork Beaver Cree	k	
Impaired Use: Warm Wa	ter Aquatic Habitat (Nonsupport)	
Pollutant:	Nutrient/Eutrophication Biological Indicators	
Suspected Sources	: Inappropriate Waste Disposal	
Pollutant:	Sedimentation/Siltation	
Suspected Sources	: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant:	Specific Conductance	
Suspected Sources	: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant:	Total Dissolved Solids	
Suspected Sources	: Coal Mining; Petroleum/Natural Gas Production Activities (Pe	ermitted)

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

Banjo Branch 0.0 to 1.5 (1.5 mi)

Into Levisa Fork of Big Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Channelization; Loss of Riparian Habitat; Non-Point Source

Barnetts Creek 0.0 to 1.6 (1.6 mi)

Into Paint Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Petroleum/Natural Gas Activities; Surface Mining

Bear Creek 0.0 to 2.0 (2 mi)

Into Big Sandy River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Animal Feeding Operations (NPS); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Lawrence County

Johnson County

Johnson County

Beaver Creek 0.0 to 7.1 (7.1 mi) Into Levisa Fork of Big Sandy Rive

Floyd County

visa Fork of Big Sand aired Use: Warm Wat Pollutant: Suspected Sources:	er Aquatic Habitat (Nonsupport) Iron
Pollutant: Suspected Sources:	Nitrate/Nitrite (Nitrite + Nitrate as N) Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste
Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators Municipal (Urbanized High Density Area); Unspecified Domestic Waste
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste
Pollutant: Suspected Sources:	Sedimentation/Siltation Coal Mining; Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities
Pollutant: Suspected Sources:	Total Suspended Solids (TSS) Coal Mining; Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Domestic Waste

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

Big Creek 0.0 to 1.9 (1.9 mi)

Pike County

Into Tug Fork of Big Sandy River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Big Creek 7.3 to 10.6 (3.3 mi)

Into Tug Fork of Big Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source Organic Enrichment (Sewage) Biological Indicators Pollutant: Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Surface Mining Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining Pollutant: Specific Conductance Suspected Sources: Channelization; Coal Mining; Loss of Riparian Habitat Pollutant: **Total Dissolved Solids** Suspected Sources: Coal Mining; Surface Mining

Big Creek 10.6 to 15.1 (4.5 mi)

Into Tug Fork of Big Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Sedimentation/Siltation Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining Pollutant: Specific Conductance Suspected Sources: Surface Mining Pollutant: **Total Dissolved Solids** Suspected Sources: Coal Mining; Surface Mining

Pike County

Pike County

Big Mine Creek 1.4 to 3.9 (2.5 mi)	Magoffin County
Into Little Paint Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Inappropriate Waste Disposal	
Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Agriculture; Inappropriate Waste Disposal	
Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/ Quarries; Silviculture Activities; Surface Mining	Rock Mining or
Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Partial Support) Pollutant: pH	
Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/ Quarries; Surface Mining	Rock Mining or
Big Mine Creek 5.8 to 8.4 (2.6 mi) Into Little Paint Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support)	Magoffin County
Pollutant: Sedimentation/Siltation	
Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing	
Big Sandy River 0.0 to 27.1 (27.1 mi)	Boyd County
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Sedimentation/Siltation	
Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromoc	lification
Bill D Branch 0.0 to 1.1 (1.1 mi)	Knott County
Into Right Fork Beaver Creek	Knott County
Into Right Fork Beaver Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	Knott County
Into Right Fork Beaver Creek	
Into Right Fork Beaver Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Similar	Decentralized t-development
Into Right Fork Beaver Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Systems) Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification; Pos	Decentralized t-development

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

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

Knott County

Pollutant:	k er Aquatic Habitat (Nonsupport) Specific Conductance Coal Mining; Petroleum/Natural Gas Activities	
	Total Dissolved Solids Coal Mining; Petroleum/Natural Gas Activities	
See Chapter 4, Status of TM	DLs Under Development Prior to 2012.	
Pollutant:	<u>.4 mi)</u> er Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Loss of Riparian Habitat; Managed Pasture Grazing; On-s Systems (Septic Systems and Similar Decentralized Syste	
Pollutant: Suspected Sources:	Sedimentation/Siltation Highway/Road/Bridge Runoff (Non-construction Related); Habitat; Managed Pasture Grazing; Non-Point Source; Po Erosion and Sedimentation; Streambank Modifications/De	ost-development
	Total Suspended Solids (TSS) Highway/Road/Bridge Runoff (Non-construction Related); Habitat; Managed Pasture Grazing; Non-Point Source; Po Erosion and Sedimentation; Streambank Modifications/De	ost-development
Blaine Creek 35.0 to 39.8 (<u>4.8 mi)</u>	Lawrence County
Pollutant:	ontact Recreation Water (Nonsupport) Escherichia coli Loss of Riparian Habitat; On-site Treatment Systems (Se Similar Decentralized Systems); Package Plant or Other I Flows Discharges	
	Fecal Coliform On-site Treatment Systems (Septic Systems and Similar Systems)	Decentralized
Pollutant:	er Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Loss of Riparian Habitat; Package Plant or Other Permitte Discharges	ed Small Flows

Sı

Blaine Cr

Pollutant:

Pollutant:

Bill D Branch 1.1 to 2.9 (1.8 mi)

E-6

Suspected Sources: Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows

Suspected Sources: Loss of Riparian Habitat; Package Plant or Other Permitted Small Flows

Sedimentation/Siltation

Discharges; Surface Mining Total Suspended Solids (TSS)

Discharges; Surface Mining

Lawrence County

Pike County

Into Big Sar Impaired Poll	l Úse: Warm Wat utant:	4.4 mi) ter Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Agriculture; Loss of Riparian Habitat
	utant: pected Sources:	Organic Enrichment (Sewage) Biological Indicators Loss of Riparian Habitat
	utant: pected Sources:	Sedimentation/Siltation Agriculture; Loss of Riparian Habitat; Surface Mining
		ter Aquatic Habitat, Primary Contact Recreation Water, eation Water (Nonsupport)
	utant:	pH
Sus	pected Sources:	Surface Mining
Brushy For	k 0.0 to 10.0 (1)	0 mi)

Brushy Fork 0.0 to 10.0 (10 mi)

 Into Johns Creek

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Nutrient/Eutrophication Biological Indicators

 Suspected Sources:
 Channelization; Loss of Riparian Habitat; Managed Pasture Grazing; Non-Point Source

 Pollutant:
 Sedimentation/Siltation

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

 Pollutant:
 Total Dissolved Solids

 Suspected Sources:
 Coal Mining

KDOW awarded \$134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

	ter Aquatic Habitat (Nonsupport)	Floyd County
Pollutant: Suspected Sources:	Iron Coal Mining	
Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators On-site Treatment Systems (Septic Systems and Similar De Systems)	centralized
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Similar De Systems)	ecentralized
Pollutant: Suspected Sources:	Sedimentation/Siltation Coal Mining; Habitat Modification - Other than Hydromodific development Erosion and Sedimentation	ation; Post-
Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities	

Floyd County

Floyd County

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

Buffalo Creek 0.0 to 1.8 (1.8 mi) Into Johns Creek

Johns Dieek			
mpaired Use: Warm Water Aquatic Habitat (Nonsupport)			
Pollutant:	Sedimentation/Siltation		
Suspected Sources:	Sand/Gravel/Rock Mining or Quarries; Surface Mining		

Caleb Fork 0.0 to 1.2 (1.2 mi)

Into Left Fork Beaver Creek	<u> </u>
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)
Pollutant:	Ammonia (Un-ionized)
Suspected Sources:	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater
Pollutant:	Iron
Suspected Sources:	Coal Mining; Petroleum/Natural Gas Activities
Pollutant:	Nitrogen (Total)
Suspected Sources:	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pollutant:	Organic Enrichment (Sewage) Biological Indicators
Suspected Sources:	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Unspecified Urban Stormwater
Pollutant:	Phosphorus (Total)
Suspected Sources:	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

Pollutant: Suspected Sources:	Sedimentation/Siltation Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation; Sand/Gravel/Rock Mining or Quarries
Pollutant:	Specific Conductance
Suspected Sources:	Coal Mining; Petroleum/Natural Gas Activities
Pollutant:	Total Dissolved Solids
Suspected Sources:	Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

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

Caney Fork 0.0 to 7.5 (7.5 mi)

Into Right Fork Beaver Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Package Plant or Other Permitted Small Flows Discharges Pollutant: Specific Conductance Suspected Sources: Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining; Package Plant or Other Permitted Small Flows Discharges; Petroleum/Natural Gas Activities

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

Caney Fork 7.5 to 11.3 (3.8 mi)

Into Right Fork Beaver Cree	'k
Impaired Use: Warm Wa	ter Aquatic Habitat (Nonsupport)
Pollutant:	Specific Conductance
Suspected Sources	: Coal Mining; Petroleum/Natural Gas Activities
Pollutant:	Total Dissolved Solids
Suspected Sources	: Coal Mining; Petroleum/Natural Gas Activities

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

Clear Creek 0.0 to 4.9 (4.9 mi)

Into Left Fork Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nitrogen (Total) Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Phosphorus (Total) Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Sedimentation/Siltation Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities Pollutant: Specific Conductance Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Floyd County

Knott County

Knott County

Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

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

Coldwater Fork 2.1 to 5.3 (3.2 mi)

Martin County

Into Middle Fork Rockcastle River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Impacts from Abandoned Mine Lands (Inactive); Loss of Riparian Habitat; Other Spill Related Impacts; Sediment Resuspension (Contaminated Sedim Pollutant: Total Dissolved Solids Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Other Spill Related Impacts; Surface Mining; Unspecified Urban Stormwater

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.

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 2.1 to 8.8.

Dry Creek 0.0 to 4.0 (4 mi)

Knott County

Pike County

Into Right Fork Beaver Creek

· · ·	,		
Imp	Impaired Use: Warm Water Aquatic Habitat (Partial Support)		
Pollutant: Sedimentation/Siltation		Sedimentation/Siltation	
	Suspected Sources:	Coal Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation	
	Pollutant:	Specific Conductance	
	Suspected Sources:	Coal Mining; Petroleum/Natural Gas Activities	
	Pollutant:	Total Dissolved Solids	

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

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

Elkhorn Creek 0.0 to 10.7 (10.7 mi)

 Into Russell Fork

 Impaired Use: Primary Contact Recreation Water (Nonsupport)

 Pollutant:
 Fecal Coliform

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

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Package Plant or Other Permitted Small Flows Discharges; Surface Mining

 Pollutant:
 Specific Conductance

Suspected Sources: Surface MiningPollutant:Total Dissolved SolidsSuspected Sources:Surface MiningPollutant:Total Suspended Solids (TSS)Suspected Sources:Package Plant or Other Permitted Small Flows Discharges; Surface Mining

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

Frasure Creek 0.0 to 5.2 (5.2 mi) Into Left Fork Beaver Creek

Floyd County

Lawrence County

to Lef	t Fork Beaver Creek	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)		
	Pollutant:	Iron Coal Mining; Petroleum/Natural Gas Activities
	Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
	Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
	Pollutant: Suspected Sources:	Sedimentation/Siltation Coal Mining; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation
	Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities
	Pollutant: Suspected Sources:	Total Dissolved Solids Coal Mining; Petroleum/Natural Gas Activities

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

Georges Creek 0.0 to 2.9 (2.9 mi)

Into Levisa Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Loss of Riparian Habitat; Source Unknown

Pollutant:	Sedimentation/Siltation
Suspected Sources:	Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source; Sand/Gravel/Rock Mining or Quarries

Pollutant: Specific Conductance Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source

Goose Creek0.0 to 2.2 (2.2 mi)Floyd CountyInto Right Fork Beaver CreekImpaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:Cause UnknownSuspected Sources: Source Unknown	
Pollutant: Sedimentation/Siltation Suspected Sources: Petroleum/Natural Gas Activities; Post-development En Sedimentation	osion and
Pollutant: Specific Conductance Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
Greasy Creek 0.0 to 4.7 (4.7 mi) Into Levisa Fork of Big Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Municipal Point Source Discharges	Johnson County
Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Municipal Point Source Discharges	
Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Coal Mining	
Hall Fork 0.0 to 2.0 (2 mi)Into Frasure CreekImpaired Use: Warm Water Aquatic Habitat (Nonsupport)Pollutant:IronSuspected Sources: Coal Mining; Petroleum/Natural Gas Activities	Floyd County
Pollutant: Specific Conductance Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Harriett Branch 0.6 to 2.3 (1.7 mi) Into Little Blaine Creek	Lawrence County

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Hood Creek 0.0 to 3.6 (3.6	<u>s mi)</u>	Lawrence County
Pollutant:	ater Aquatic Habitat (Partial Support) Cause Unknown : Landfills; Silviculture Activities; Surface Mining; Unspecifi Stormwater	ied Urban
Pollutant: Suspected Sources	Nutrient/Eutrophication Biological Indicators : Landfills; Unspecified Urban Stormwater	
Pollutant: Suspected Sources	Sedimentation/Siltation : Landfills; Silviculture Activities; Surface Mining; Unspecifi Stormwater	ied Urban
Pollutant:	0.4 mi) ater Aquatic Habitat (Nonsupport) Cause Unknown : Habitat Modification - Other than Hydromodification; On-s Systems (Septic Systems and Similar Decentralized Systens development Erosion and Sedimentation; Unspecified Ur	tems); Post-
Pollutant: Suspected Sources	Nitrogen (Total) : Industrial Point Source Discharge; On-site Treatment Sys Systems and Similar Decentralized Systems); Unspecifie Stormwater	
Pollutant: Suspected Sources	Sedimentation/Siltation : Habitat Modification - Other than Hydromodification; Indu Discharge; Post-development Erosion and Sedimentation Urban Stormwater	
Ice Dam Creek 0.4 to 2.4 (Into Big Sandy River	<u>2 mi)</u>	Boyd County
Impaired Use: Warm Wa Pollutant:	ater Aquatic Habitat (Nonsupport) Cause Unknown : Habitat Modification - Other than Hydromodification; On-s Systems (Septic Systems and Similar Decentralized Syst development Erosion and Sedimentation; Unspecified Ur	tems); Post-
Pollutant: Suspected Sources	Nitrogen (Total) : Industrial Point Source Discharge; On-site Treatment Sys Systems and Similar Decentralized Systems); Unspecifie Stormwater	
Pollutant: Suspected Sources	Sedimentation/Siltation : Habitat Modification - Other than Hydromodification; Indu Discharge; Post-development Erosion and Sedimentation Urban Stormwater	
Pollutant: Suspected Sources	Total Dissolved Solids : Habitat Modification - Other than Hydromodification; Indu Discharge; Unspecified Urban Stormwater	strial Point Source

Indian Creek 0.0 to 3.5 (3.5 mi) Into Long Fork	Pike County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Oxygen, Dissolved Suspected Sources: Package Plant or Other Permitted Small Flows Dis	scharges
Pollutant: Sedimentation/Siltation Suspected Sources: Highway/Road/Bridge Runoff (Non-construction R Habitat; Package Plant or Other Permitted Small F development Erosion and Sedimentation; Streams Modifications/Destabilization; Surface Mining	lows Discharges; Post-
Pollutant: Total Dissolved Solids Suspected Sources: Highway/Road/Bridge Runoff (Non-construction R Habitat; Post-development Erosion and Sedimenta Modifications/Destabilization; Surface Mining	
Island Creek 0.0 to 1.7 (1.7 mi)Into Levisa Fork Big Sandy RiverImpaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Sedimentation/SiltationSuspected Sources: Surface Mining	Pike County
Pollutant: Total Dissolved Solids Suspected Sources: Surface Mining	
Jacks Creek 0.0 to 4.4 (4.4 mi) Floyd Co	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown	
Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Systems)	Similar Decentralized
Pollutant: Sedimentation/Siltation Suspected Sources: Coal Mining; On-site Treatment Systems (Septic S Decentralized Systems)	Systems and Similar
Pollutant: Specific Conductance Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	

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

Johns Branch 0.0 to 1.6 (1	. <u>6 mi)</u> Floyd Coun
Into Right Fork Beaver Creek	(
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)
Pollutant:	Sedimentation/Siltation
Suspected Sources:	Coal Mining; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation
	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities

Pollutant: **Total Dissolved Solids** Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Nonconstruction Related); Loss of Riparian Habitat Pollutant: Specific Conductance

Suspected Sources: Channelization; Coal Mining; Highway/Road/Bridge Runoff (Nonconstruction Related); Loss of Riparian Habitat

Jennys Creek 5.3 to 10.8 (5.5 mi)

Jenny's Creek 0.0 to 3.1 (3.1 mi)

Into Paint Creek

Into Paint Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Site Clearance (Land Development or Redevelopment); Surface Mining

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.

Johnson County

Johnson County

Floyd County

Johns Creek 0.0 to 5.8 (5.8 mi)

Into Levisa Fork of Big Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation

Suspected Sources: Impacts from Hydrostructure Flow Regulation/Modification; Sand/Gravel/Rock Mining or Quarries; Surface Mining; Upstream Impoundments (e.g., PI-566 NRCS Structures)

Pollutant: Specific Conductance

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Pollutant: Total Dissolved Solids

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

KDOW awarded \$134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

Johns Creek 24.0 to 30.65 (6.65 mi)

Into Levisa Fork of Big Sandy River

 Impaired Use: Primary Contact Recreation Water (Nonsupport)

 Pollutant:
 Fecal Coliform

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

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation

Suspected Sources: Surface Mining

Pollutant: Specific Conductance Suspected Sources: Surface Mining

KDOW awarded \$134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

Johns Creek 34.4 to 42.5 (8.1 mi)

Pike County

Pike County

Into Levisa Fork Big Sandy River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining Pollutant: Total Dissolved Solids

Suspected Sources: Surface Mining

Johnson County

Jones Fork 0.0 to 9.9 (9.9 mi) **Knott County** Into Right Fork Beaver Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Iron Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities Nitrogen (Total) Pollutant: Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Phosphorus (Total) Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Coal Mining; Post-development Erosion and Sedimentation Pollutant: Specific Conductance Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities **Total Dissolved Solids** Pollutant: Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

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

Keaton Fork 0.0 to 5.1 (5.1 mi)

Into Left Fork Blaine Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Source Unknown Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Source Unknown

Johnson County

Pike County

Knox Creek 0.0 to 8.0 (8 mi)

Into Tug Fork of Big Sandy River Impaired Use: Fish Consumption (Nonsupport) Pollutant: PCB in Fish Tissue Suspected Sources: Upstream Source Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Fecal Coliform Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Coal Mining Specific Conductance Pollutant: Suspected Sources: Coal Mining Pollutant: Temperature, water Suspected Sources: Coal Mining; Habitat Modification - Other than Hydromodification; Source Unknown

Floyd County

Floyd County

Into Beaver Creek		
Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)	
Pollutant:	Iron	
Suspected Sources	: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant:	Sedimentation/Siltation	
Suspected Sources	: Coal Mining; Petroleum/Natural Gas Activities; Post-developr and Sedimentation; Unspecified Urban Stormwater	nent Erosion
Pollutant:	Specific Conductance	
Suspected Sources	: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant:	Total Dissolved Solids	
Suspected Sources	: Coal Mining; Petroleum/Natural Gas Activities	
See Chapter 4, Status of TMDLs Under Development Prior to 2012.		
Left Fork Beaver Creek 11	.4 to 13.55 (2.15 mi)	Floyd County

Left Fork Beaver Creek 11.4 to 13.55 (2.15 mi)

Left Fork Beaver Creek 0.0 to 11.4 (11.4 mi)

Into Beaver Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Specific Conductance Pollutant: Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

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

Left Fork Beaver Creek 13.55 to 18.7 (5.15 mi)

Into Beaver Creek	
Impaired Use: Warm Wat	ter Aquatic Habitat (Nonsupport)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges
Pollutant: Suspected Sources:	Sedimentation/Siltation Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Urban Runoff/Storm Sewers
Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities

	Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators On-site Treatment Systems (Septic Systems and Similar Systems)	Decentralized
	Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities	
	Pollutant: Suspected Sources:	Total Dissolved Solids Coal Mining; Petroleum/Natural Gas Activities	
See Ch	apter 4, Status of TM	DLs Under Development Prior to 2012.	
	rk Blaine Creek 0.0 Nine Creek	<u>to 2.1 (2.1 mi)</u>	Lawrence County
Imp	aired Use: Warm Wat	ter Aquatic Habitat (Nonsupport)	
	Pollutant:	Nutrient/Eutrophication Biological Indicators Agriculture; Inappropriate Waste Disposal	
	Pollutant:	Organic Enrichment (Sewage) Biological Indicators	
	Suspected Sources:	Agriculture; Inappropriate Waste Disposal	
	Pollutant:		Rock Mining or
	Pollutant: Suspected Sources: aired Use: Warm Wat	Agriculture; Inappropriate Waste Disposal Sedimentation/Siltation Agriculture; Inappropriate Waste Disposal; Sand/Gravel/F	Rock Mining or

Left Fork Malachi Branch 0.0 to 0.7 (0.7 mi)

Left Fork Beaver Creek 18.7 to 28.6 (9.9 mi)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Into Beaver Creek

Into Right Fork Malachi Branch Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown **Pike County**

Floyd County

Lawrence County

Into Middle Creek of Levisa Fork Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Source Unknown Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Non-Point Source; Surface Mining Pollutant: **Total Dissolved Solids** Suspected Sources: Surface Mining Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport) Pollutant: рΗ Suspected Sources: Surface Mining Levisa Fork 0.0 to 5.8 (5.8 mi) Lawrence County Into Big Sandy River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Municipal (Urbanized High Density Area); On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Source Unknown Pollutant: Specific Conductance Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source Total Suspended Solids (TSS) Pollutant: Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non-Point Source

Levisa Fork 5.8 to 15.3 (9.5 mi)

Into Big Sandy River

Impaired Use: Fish Consumption (Partial Support) Pollutant: Methylmercury Suspected Sources: Source Unknown; Surface Mining

Pollutant: Polychlorinated biphenyls Suspected Sources: Source Unknown

Left Fork Middle Creek Levisa Fork 0.0 to 10.3 (10.3 mi)

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Surface Mining

Pollutant: Total Dissolved Solids Suspected Sources: Surface Mining

<u>Levisa Fork 31.4 to 54.7 (23.3 mi)</u> Into Big Sandy River	Floyd County
Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Non-Point Source; Package Plant or Other Permitted Small Discharges	Flows
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Coal Mining; Non-Point Source; Urban Runoff/Storm Sewers	5
Pollutant: Total Suspended Solids (TSS) Suspected Sources: Package Plant or Other Permitted Small Flows Discharges	
Levisa Fork 65.2 to 98.0 (32.8 mi)	Pike County
Into Big Sandy River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: On-site Treatment Systems (Septic Systems and Similar De Systems); Package Plant or Other Permitted Small Flows Di Urban Runoff/Storm Sewers	
Impaired Use: Warm Water Aquatic Habitat (Partial Support)	
Pollutant: Chlorine Suspected Sources: Package Plant or Other Permitted Small Flows Discharges	
Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Municipal (Urbanized High Density Area); Non-Point Source Runoff/Storm Sewers	; Urban
Pollutant: Oxygen, Dissolved Suspected Sources: Package Plant or Other Permitted Small Flows Discharges	
Pollutant: Specific Conductance Suspected Sources: Coal Mining; Municipal (Urbanized High Density Area); Non- Urban Runoff/Storm Sewers	Point Source;
Pollutant: Total Suspended Solids (TSS) Suspected Sources: Municipal (Urbanized High Density Area); Non-Point Source or Other Permitted Small Flows Discharges	; Package Plant
<u>Levisa Fork 98.0 to 101.25 (3.25 mi)</u> Into Big Sandy River	Pike County

Into Big Sandy River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Urban Runoff/Storm Sewers

Pike County

Levisa Fork 118.8 to 127.7 (8.9 mi)

Impaired Use: Primary Contact Recreation Water (Partial Support)

Into Big Sandy River

Pollutant: Suspected Sources	Fecal Coliform : On-site Treatment System Systems); Sewage Discha	s (Septic Systems and Similar I rges in Unsewered Areas	Decentralized
Impaired Use: Warm Wa Pollutant:	ter Aquatic Habitat (Nonsup Sedimentation/Siltation Suspected Sources:	oport) Surface Mining	
The river miles for this segment was formerly 116.0		reflect the National Hydrograph	y Data Set. This
Lick Branch 0.0 to 1.3 (1.3 Into Coldwater Fork Impaired Use: Warm Wa Pollutant: Suspected Sources	ter Aquatic Habitat (Nonsup Cause Unknown	port)	Martin County
Pollutant:	<i>dy</i> River ter Aquatic Habitat (Partial Nutrient/Eutrophication Bic Channelization; Coal Minir		
Pollutant: Suspected Sources	Sedimentation/Siltation : Channelization; Coal Minir construction Related); Los	ng; Highway/Road/Bridge Runo s of Riparian Habitat	ff (Non-
Pollutant:	ter Aquatic Habitat (Partial Sedimentation/Siltation Forest Roads (Road Cons	Support) truction and Use); Grazing in R Riparian Habitat; Post-developn	
Pollutant:	1.6 (5.1 mi) ter Aquatic Habitat (Partial S Nutrient/Eutrophication Bic Agriculture; Inappropriate N	ological Indicators	Johnson County

Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Agriculture; Inappropriate Waste Disposal; Surface Mining

Pollutant: Sedimentation/Siltation Suspected Sources: Inappropriate Waste Disposal; Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport) Pollutant: pH	
Suspected Sources: Surface Mining; Subsurface (Hardrock) Mining	
Lockwood Creek 2.6 to 3.2 (0.6 mi) Into Big Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown	Boyd County
Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Non-Point Source; Source Unknown	
Long Branch 0.0 to 2.0 (2 mi) Into Johns Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining	Floyd County
Pollutant: Temperature, water Suspected Sources: Channelization; Loss of Riparian Habitat; Surface Mining	
Pollutant: Total Dissolved Solids Suspected Sources: Surface Mining	
Long Fork 0.0 to 1.4 (1.4 mi) Into Buck Branch Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Non-Point Source; Source Unknown	Floyd County
Long Fork 0.4 to 7.5 (7.1 mi) Into Buck Branch Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Specific Conductance Suspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source	Pike County
Lower Chloe Creek 0.0 to 1.5 (1.5 mi) Into Levisa Fork of Big Sandy River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Coal Mining; Loss of Riparian Habitat; Urban Runoff/Storm Se Pollutant: Specific Conductance Suspected Sources: Coal Mining; Urban Runoff/Storm Sewers	Pike County

Lower Laurel Fork 0.0 to 7	<u>.9 (7.9 mi)</u>	Lawrence County
Into Blaine Creek		
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
Pollutant:	Cause Unknown	
Suspected Sources:	Landfills; Silviculture Activities; Source Unknown; Surface Unspecified Urban Stormwater	Mining;
Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators Landfills; Unspecified Urban Stormwater	
Pollutant: Suspected Sources:	Sedimentation/Siltation Landfills; Silviculture Activities; Source Unknown; Surface Unspecified Urban Stormwater	Mining;
Marrowbone Creek 1.4 to 1	11.3 (9.9 mi)	Pike County
Into Russell Fork		-
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Channelization; Highway/Road/Bridge Runoff (Non-const Loss of Riparian Habitat; Post-development Erosion and S Surface Mining	<i>,</i> -
Pollutant:	Total Dissolved Solids	
Suspected Sources:	Surface Mining	
Meathouse Fork 0.0 to 2.9 ((2.9 mi)	Pike County
Into Johns Creek		
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Coal Mining; Loss of Riparian Habitat; Non-Point Source	
Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Loss of Riparian Habitat; Non-Point Source	
Pollutant:	Total Suspended Solids (TSS)	
	Package Plant or Other Permitted Small Flows Discharge	S
Middle Creek Levisa Fork (Floyd County
Into Levisa Fork of Big Sand		
	ontact Recreation Water (Partial Support)	
Pollutant:	Escherichia coli	
Suspected Sources:	Non-Point Source; Package Plant or Other Permitted Sma Discharges; Urban Runoff/Storm Sewers	all Flows
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Sand/Gravel/Rock Mining or Quarries; Surface Mining	
Pollutant:	Specific Conductance	
Suspected Sources:	Package Plant or Other Permitted Small Flows Discharge Urban Runoff/Storm Sewers	s; Surface Mining;
Pollutant:	Total Suspended Solids (TSS)	
Suspected Sources:	Package Plant or Other Permitted Small Flows Discharge Urban Runoff/Storm Sewers	s; Surface Mining;

Into Ro	ckcastle Creek		
Impa	aired Use: Warm Wat	ter Aquatic Habitat (Partial Support)	
	Pollutant:	Sedimentation/Siltation	
	Suspected Sources:	Channelization; Highway/Road/Bridge Runoff (Non-constr Loss of Riparian Habitat; Silviculture Harvesting; Surface I	
	Pollutant:	Total Dissolved Solids	
	Suspected Sources:	Highway/Road/Bridge Runoff (Non-construction Related); Habitat; Surface Mining	Loss of Riparian
	Creek 0.0 to 6.4 (6.4		Johnson County
	visa Fork Big Sandy F	ter Aquatic Habitat (Nonsupport)	
impe	Pollutant:	Nutrient/Eutrophication Biological Indicators	
	Follulani.	NUMERI/FUTOONCATOL DIOTOCAT HOICATOLS	
	Suspected Sources:	, v	Decentralized
	Suspected Sources:	On-site Treatment Systems (Septic Systems and Similar E Systems)	Decentralized
	Suspected Sources: Pollutant:	On-site Treatment Systems (Septic Systems and Similar I	Decentralized
	Pollutant:	On-site Treatment Systems (Septic Systems and Similar E Systems)	
	Pollutant:	On-site Treatment Systems (Septic Systems and Similar E Systems) Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Similar E	
	Pollutant: Suspected Sources: Pollutant:	On-site Treatment Systems (Septic Systems and Similar E Systems) Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Similar E Systems)	Decentralized
	Pollutant: Suspected Sources: Pollutant:	On-site Treatment Systems (Septic Systems and Similar E Systems) Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Similar E Systems) Sedimentation/Siltation Loss of Riparian Habitat; Post-development Erosion and S	Decentralized
	Pollutant: Suspected Sources: Pollutant: Suspected Sources:	On-site Treatment Systems (Septic Systems and Similar E Systems) Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Similar E Systems) Sedimentation/Siltation Loss of Riparian Habitat; Post-development Erosion and S Surface Mining Total Dissolved Solids	Decentralized

Mud Creek 0.0 to 2.7 (2.7 mi)

Middle Fork Rockcastle Creek 0.0 to 16.8 (16.8 mi)

Floyd County

Into Levisa Fork Big Sandy River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Streambank Modifications/Destabilization

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

Nats Creek 0.0 to 3.1 (3.1 mi)

Lawrence County

Into Levisa Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining Martin County

<u>Open Fork 6.4 to 11.3 (4.9 mi)</u> Into Paint Creek	Morgan County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture; Inappropriate Waste Disposal	
Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: Agriculture; Inappropriate Waste Disposal	
Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/ Quarries; Silviculture Activities; Surface Mining	Rock Mining or
Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport) Pollutant: pH	
Suspected Sources: Agriculture; Inappropriate Waste Disposal; Sand/Gravel/ Quarries; Surface Mining	Rock Mining or
Otter Creek 0.0 to 0.5 (0.5 mi) Into Left Fork Beaver Creek	Floyd County
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Ammonia (Un-ionized) Suspected Sources: Package Plant or Other Permitted Small Flows Discharg	es
Pollutant: Nitrogen (Total) Suspected Sources: Package Plant or Other Permitted Small Flows Discharg	es
Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Package Plant or Other Permitted Small Flows Discharg	es
Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Systems); Package Plant or Other Permitted Small Flow	
Pollutant: Phosphorus (Total) Suspected Sources: Package Plant or Other Permitted Small Flows Discharg	es
Pollutant: Sedimentation/Siltation Suspected Sources: Petroleum/Natural Gas Activities; Post-development Ero Sedimentation	sion and
Pollutant: Specific Conductance Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	

Paddle Creek 0.0 to 1.4 (1. Into Ice Dam Creek	<u>4 mi)</u>	Boyd County
Impaired Use: Warm Wa Pollutant:	ter Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Unspecified Urban Stormwater	
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Unspecified Urban Stormwater	
Pollutant: Suspected Sources:	Sedimentation/Siltation Habitat Modification - Other than Hydromodification; In Discharge; Post-development Erosion and Sedimentat Urban Stormwater	
Pollutant: Suspected Sources:	Total Dissolved Solids Habitat Modification - Other than Hydromodification; In Discharge; Unspecified Urban Stormwater	dustrial Point Source
Paint Creek 0.0 to 7.1 (7.1 Into Levisa Fork of Big Sand		Johnson County
Impaired Use: Cold Wate Pollutant:	Ar Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators On-site Treatment Systems (Septic Systems and Simil Systems)	ar Decentralized
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Simil Systems)	ar Decentralized
Pollutant: Suspected Sources:	Sedimentation/Siltation Post-development Erosion and Sedimentation; Woodlo	ot Site Clearance
Pollutant: Suspected Sources:	Temperature, water Woodlot Site Clearance	
Pollutant:	ontact Recreation Water (Nonsupport) Escherichia coli On-site Treatment Systems (Septic Systems and Simil Systems); Unspecified Domestic Waste	ar Decentralized
Pollutant: Suspected Sources:	Fecal Coliform On-site Treatment Systems (Septic Systems and Simil Systems)	ar Decentralized

Paint Creek 7.1 to 8.3 (1.2 r	<u>ni)</u>	Johnson County
Pollutant:	y <i>River</i> r Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators On-site Treatment Systems (Septic Systems and Similar I Systems)	Decentralized
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Similar I Systems)	Decentralized
Pollutant: Suspected Sources:	Sedimentation/Siltation Post-development Erosion and Sedimentation; Woodlot S	ite Clearance
Pollutant: Suspected Sources:	Temperature, water Woodlot Site Clearance	
Pollutant:	ontact Recreation Water (Nonsupport) Fecal Coliform On-site Treatment Systems (Septic Systems and Similar I Systems); Unspecified Domestic Waste	Decentralized
Panther Fork 0.0 to 2.95 (2	<u>.95 mi)</u>	Martin County
Pollutant:	er Aquatic Habitat (Partial Support) Sedimentation/Siltation Highway/Road/Bridge Runoff (Non-construction Related);	Surface Mining
Pollutant: Suspected Sources:	Total Dissolved Solids Other Spill Related Impacts; Surface Mining	
Pollutant:	mi) er Aquatic Habitat (Nonsupport) Sedimentation/Siltation Sand/Gravel/Rock Mining or Quarries; Surface Mining	Pike County
Pigeonroost Fork 0.0 to 1.3		Martin County
Into Wolf Creek		-
Impaired Use: Warm Wat Pollutant:	er Aquatic Habitat (Nonsupport) Sedimentation/Siltation	

Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Pond Cr. 0.0 to 9.7 (9.7 mi) Into Tug Fork		Pike County
Pollutant:	ontact Recreation Water (Partial Support) Escherichia coli Rackage Plant or Other Permitted Small Flows Discharges	
Impaired Use: Warm Wat Pollutant:	Package Plant or Other Permitted Small Flows Discharges ter Aquatic Habitat (Nonsupport) Nutrient/ Eutrophication Biological Indicators Loss of Riparian Habitat, On-Site Treatment Systems (Septic Similar Decentralized Systems)	Systems and
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Loss of Riparian Habitat, Sewage Discharges in Unsewered /	Areas
Pollutant: Suspected Sources:	Sedimentation/ Siltation Loss of Riparian Habitat, Petroleum/Natural Gas Production A (Permitted), Surface Mining	Activities
Pollutant: Suspected Sources:	Total Dissolved Solids Petroleum/Natural Gas Production Activities (Permitted), Surf	ace Mining
Pollutant: Suspected Sources:	Total Suspended Solids (TSS) Loss of Riparian Habitat, Petroleum/Natural Gas Production A (Permitted), Surface Mining	Activities
Puncheon Branch 0.0 to 3	<u>.6 (3.6 mi)</u>	Knott County

Puncheon Branch 0.0 to 3.6 (3.6 mi)

Into Rig Impa

ġ	ght Fork Beaver Creek			
2	paired Use: Warm Water Aquatic Habitat (Partial Support)			
	Pollutant:	Nutrient/Eutrophication Biological Indicators		
	Suspected Sources:	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		
		Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		
	Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities		
	Pollutant: Suspected Sources:	Total Dissolved Solids Coal Mining; Petroleum/Natural Gas Activities		

Raccoon Creek 5.6 to 7.4 (1.8 mi)		Pike County
Into Johns Creek		
Impaired Use: Warm Wa	ter Aquatic Habitat (Partial Support)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources	: Loss of Riparian Habitat; Post-development Erosion and Sedi Surface Mining	mentation;
Pollutant: Suspected Sources	Total Dissolved Solids : Surface Mining	

KDOW awarded \$134,308 Section 319(h) Grant funds (FFY1997) to the Big Sandy RC&D, Inc. to significantly reduce the number of critically eroding sites through BMP demonstrations, education, planning and training. Johns Creek is one of five subwatersheds targeted by the RC&D for erosion control.

Right Fork Beaver Creek 0.0 to 17.4 (17.4 mi)

Into	Bea	aver Creek	
I	mpa	Pollutant:	er Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators Inappropriate Waste Disposal; Loss of Riparian Habitat
		Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators Inappropriate Waste Disposal; Loss of Riparian Habitat
		Pollutant: Suspected Sources:	Sedimentation/Siltation Channelization; Coal Mining; Loss of Riparian Habitat; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation; Silviculture Activities
		Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities
		Pollutant: Suspected Sources:	Total Dissolved Solids Coal Mining; Petroleum/Natural Gas Activities
		ondary Contact Recre Pollutant:	er Aquatic Habitat, Primary Contact Recreation Water, eation Water (Nonsupport) pH Acid Mine Drainage; Coal Mining; Petroleum/Natural Gas Activities

Floyd County

Right Fork Beaver Creek 17.4 to 23.3 (5.9 mi)

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Pollutant: Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges

Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant: Total Dissolved Solids

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

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

Right Fork Beaver Creek 23.3 to 30.3 (7 mi)

Into Beaver Creek	
Impaired Use: Warm Wa	ter Aquatic Habitat (Nonsupport)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	Inappropriate Waste Disposal; Package Plant or Other Permitted Small Flows Discharges
Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities
Pollutant: Suspected Sources:	Total Dissolved Solids Coal Mining; Petroleum/Natural Gas Activities

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

Right Fork Beaver Creek 30.3 to 33.4 (3.1 mi)

Knott County

Into Beaver Creek		
Impaired Use: Warm Water Aquatic Habitat (Partial Support)		
Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges	
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Similar Decentralized Systems); Package Plant or Other Permitted Small Flows Discharges	
Pollutant: Suspected Sources:	Sedimentation/Siltation Loss of Riparian Habitat; Post-development Erosion and Sedimentation; Surface Mining	
Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Suspected Sources:	Total Dissolved Solids Coal Mining; Petroleum/Natural Gas Activities	

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

Floyd County

Knott County

Right Fork Beaver Creek 33.4 to 37.9 (4.5 mi)	Knott County
Into Beaver Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Dec Systems)	centralized
Pollutant: Specific Conductance Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
Right Fork of Little Paint Creek 0.4 to 2.1 (1.7 mi) Into Little Paint Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Non-Point Source	Floyd County
Right Fork of Panther Fork 0.0 to 1.05 (1.05 mi) Into Panther Fork Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Surface Mining	Martin County
Right Fork of Whitecabin Branch 0.0 to 1.1 (1.1 mi) Into Whitecabin Branch	Martin County
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Surface Mining	
Righthand Fork 0.0 to 2.0 (2 mi) Into Bill D Branch	Knott County
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
Rob Fork 0.0 to 1.0 (1 mi) Into Caney Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Highway/Road/Bridge Runoff (Non-construct Loss of Riparian Habitat; Surface Mining	Pike County
Pollutant: Specific Conductance Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related); Su	urface Mining

Floyd County

Martin County

IIII	Pollutant:	ter Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators On-site Treatment Systems (Septic Systems and Similar De Systems)	ecentralized
	Pollutant: Suspected Sources:	Sedimentation/Siltation Dredging (e.g., for Navigation Channels); Petroleum/Natura Post-development Erosion and Sedimentation	I Gas Activities;
	Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities	
	Pollutant: Suspected Sources:	Total Dissolved Solids Coal Mining; Petroleum/Natural Gas Production Activities (F	Permitted)
See Cl	napter 4, Status of TM	DLs Under Development Prior to 2012.	
	<mark>astle Creek 0.0 to 3.7</mark> Ig Fork	<u>7 (3.7 mi)</u> La	awrence County
	•		
	Pollutant:	ontact Recreation Water (Nonsupport) Escherichia coli Non-Point Source; Rural (Residential Areas)	
Imp	Pollutant: Suspected Sources: paired Use: Warm Wat Pollutant:	Escherichia coli	ing
Imp	Pollutant: Suspected Sources: paired Use: Warm Wat Pollutant:	Escherichia coli Non-Point Source; Rural (Residential Areas) ter Aquatic Habitat (Partial Support) Sedimentation/Siltation Post-development Erosion and Sedimentation; Surface Min Specific Conductance	ing
Imp	Pollutant: Suspected Sources: paired Use: Warm Wat Pollutant: Suspected Sources: Pollutant: Suspected Sources: Pollutant:	Escherichia coli Non-Point Source; Rural (Residential Areas) ter Aquatic Habitat (Partial Support) Sedimentation/Siltation Post-development Erosion and Sedimentation; Surface Min Specific Conductance	

Pollutant: Sedimentation/Siltation

Suspected Sources: Channelization; Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater

Pollutant: Total Dissolved Solids Suspected Sources: Surface Mining; Unspecified Urban Stormwater

Rockcastle Creek 13.25 to 15.3 (2.05 mi)

Rock Fork 0.0 to 7.0 (7 mi)

Into Right Fork Beaver Creek

Into Tug Fork Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Sand/Gravel/Rock Mining or Quarries; Surface Mining

Rockhouse Fork 0.0 to 6.4 (6.4 m Into Rockcastle Creek	<u>i)</u>	Martin County
Impaired Use: Warm Water Aqu Pollutant: Sedim Suspected Sources: Loss	uatic Habitat (Partial Support) nentation/Siltation of Riparian Habitat; Non-Point Source; Post-develop nentation; Surface Mining	oment Erosion and
•	fic Conductance of Riparian Habitat; Non-Point Source; Surface Mini	ing
Pollutant: Total Suspected Sources: Surfac	Dissolved Solids ce Mining	
Salisbury Branch 0.0 to 1.8 (1.8) Into Right Fork Beaver Creek Impaired Use: Warm Water Aqu Pollutant: Nutrie Suspected Sources: Rural	uatic Habitat (Partial Support) Int/Eutrophication Biological Indicators	Knott County
	nentation/Siltation Mining; Dredge Mining; Petroleum/Natural Gas Activ	vities
•	fic Conductance Mining; Petroleum/Natural Gas Activities	
	Dissolved Solids Mining; Petroleum/Natural Gas Production Activities	s (Permitted)
See Chapter 4, Status of TMDLs U	nder Development Prior to 2012.	

Salt Lick Creek 0.0 to 6.8 (6.8 mi)

Into Direct Cords Decision Orac	
Into Right Fork Beaver Creek	
Impaired Use: warm wa	er Aquatic Habitat (Partial Support)
Pollutant:	Nitrogen (Total)
Suspected Sources:	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pollutant:	Oxygen, Dissolved
Suspected Sources:	
Pollutant:	Phosphorus (Total)
Suspected Sources:	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
Pollutant:	Sedimentation/Siltation
Suspected Sources:	Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Post- development Erosion and Sedimentation
Pollutant:	Specific Conductance
Suspected Sources:	Coal Mining; Petroleum/Natural Gas Activities

Floyd County

Pike County

Shelby Creek 0.0 to 6.0 (6 mi)

Pollutant:

Into Levisa Fork of Big Sandy River

Impaired Use: Primary Contact Recreation Water (Partial Support)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Suspected Sources: Source Unknown

Escherichia coli

Pollutant: Suspected Source	Sedimentation/Siltation s: Surface Mining	
Pollutant: Suspected Source	Specific Conductance s: Surface Mining	
Pollutant: Suspected Source	Total Dissolved Solids s: Surface Mining	
Pollutant:		Pike County
Pollutant: Suspected Source	Organic Enrichment (Sewage) Biological Indicators s: Channelization; Loss of Riparian Habitat	
Pollutant: Suspected Source	Sedimentation/Siltation s: Channelization; Loss of Riparian Habitat; Petroleum/Natura Surface Mining	I Gas Activities;
Simpson Branch 0.0 to 1 Into Left Fork Beaver Cree Impaired Use: Warm W Pollutant: Suspected Source	k ater Aquatic Habitat (Partial Support) Iron	Floyd County
Pollutant: Suspected Source	Nutrient/Eutrophication Biological Indicators s: On-site Treatment Systems (Septic Systems and Similar D	ecentralized

Polluta Suspe ~ト Systems) Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Sedimentation/Siltation Suspected Sources: Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities; Postdevelopment Erosion and Sedimentation Pollutant: Specific Conductance

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities **Total Dissolved Solids** Pollutant: Suspected Sources: Coal Mining; Petroleum/Natural Gas Production Activities (Permitted)

Sizemore Branch 0.0 to 2.0 (2 mi) Into Left Fork Beaver Creek	Floyd County
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Specific Conductance	
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Total Dissolved Solids	
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
Spewing Camp Branch 0.0 to 3.1 (3.1 mi)	Floyd County
Into Left Fork Beaver Creek	-,,
Impaired Use: Primary Contact Recreation Water (Nonsupport)	
Pollutant: pH	
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Impaired Use: Secondary Contact Recreation Water (Nonsupport) Pollutant: pH	
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: pH Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Specific Conductance Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Total Suspended Solids (TSS) Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	
See Chapter 4, Status of TMDLs Under Development Prior to 2012.	
Spurlock Creek 0.0 to 0.6 (0.6 mi)	Floyd County
Into Left Fork Beaver Creek	
Impaired Use: Warm Water Aquatic Habitat (Nonsupport)	
Pollutant: Specific Conductance	
Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities	

Pollutant: Total Dissolved Solids Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

Pollutant:	3.4 mi) er Aquatic Habitat (Nonsupport) Specific Conductance Coal Mining; Petroleum/Natural Gas Activities	Floyd County
Pollutant: Suspected Sources:	Total Dissolved Solids Coal Mining; Petroleum/Natural Gas Activities	
See Chapter 4, Status of TM	DLs Under Development Prior to 2012.	
Pollutant:		Floyd County entralized
Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators On-site Treatment Systems (Septic Systems and Similar Dece Systems)	entralized
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Similar Dece Systems)	entralized
Pollutant: Suspected Sources:	Sedimentation/Siltation Coal Mining; Dredge Mining; Petroleum/Natural Gas Activities development Erosion and Sedimentation	s; Post-
Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Suspected Sources:	Total Dissolved Solids Coal Mining; Petroleum/Natural Gas Activities	

Stephens Branch 0.0 to 2.0		Floyd County
Into Right Fork Beaver Creek		
Pollutant:	er Aquatic Habitat (Nonsupport) Ammonia (Un-ionized)	
	On-site Treatment Systems (Septic Systems and Simila Systems)	r Decentralized
Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators Managed Pasture Grazing; On-site Treatment Systems and Similar Decentralized Systems)	(Septic Systems
Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Simila Systems)	r Decentralized
Pollutant: Suspected Sources:	Sedimentation/Siltation Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Suspected Sources:	Specific Conductance Coal Mining; Petroleum/Natural Gas Activities	
Pollutant: Suspected Sources:	Total Dissolved Solids Coal Mining; Petroleum/Natural Gas Activities	
See Chapter 4, Status of TM	DLs Under Development Prior to 2012.	
Straight Fork 0.0 to 1.1 (1.1	<u>mi)</u>	Martin County
Into Panther Fork		
-	er Aquatic Habitat (Partial Support)	
Pollutant:	Specific Conductance	
Suspected Sources:	Surrace Mining	
Stratton Branch 0.4 to 2.1 (1.7 mi)	Floyd County
Into Dewey Reservoir		
Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)	
Pollutant:	Specific Conductance	
Suspected Sources:	Surface Mining	
Sycamore Creek 0.0 to 3.8	(3.8 mi)	Pike County
Into Johns Creek	<u>(0.0 m)</u>	The obuilty
	er Aquatic Habitat (Partial Support)	
Pollutant:	Cause Unknown	
Suspected Sources:	Source Unknown	
Toms Creek 0.0 to 8.0 (8 m	<u>ii)</u>	Johnson County
Into Levisa Fork	_	
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Sand/Gravel/Rock Mining or Quarries; Surface Mining	

Suspected Sources: Coal Mining; Petroleum/Natural Gas Activities

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

Upper Pidgeon Branch 0.0 to 2.1 (2.1 mi)

Tug Fork 71.9 to 77.7 (5.8 mi)

Impaired Use: Fish Consumption (Partial Support)

Into Big Sandy River

Into Elkhorn Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nitrogen (Total) Suspected Sources: Source Unknown

> Sedimentation/Siltation Pollutant: Suspected Sources: Surface Mining

Pollutant: **Total Dissolved Solids** Suspected Sources: Surface Mining

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

UT of Mudlick Branch 0.0 to 0.6 (0.6 mi)

Into Mudlick Branch Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Specific Conductance Pollutant: Suspected Sources: Surface Mining

Impaired Use: Warm Water Aquatic Habitat, Primary Contact Recreation Water, Secondary Contact Recreation Water (Nonsupport) Pollutant: рΗ Suspected Sources: Surface Mining

E-39

Martin County

Big Sandy/Little Sandy/Tygarts Basin Management Unit **Big Sandy River Basin** Rivers

Pollutant: Suspected Sources:	Polychlorinated biphenyls Source Unknown	
-	er Aquatic Habitat (Nonsupport)	Floyd County
Suspected Sources:	Nutrient/Eutrophication Biological Indicators On-site Treatment Systems (Septic Systems and Similar Dece Systems)	entralized
Pollutant: Suspected Sources:	Oxygen, Dissolved Source Unknown	
Suspected Sources:	Sedimentation/Siltation Dredge Mining; Managed Pasture Grazing; Post-development Sedimentation; Site Clearance (Land Development or Redeve	
	Specific Conductance Coal Mining: Petroleum/Natural Gas Activities	

Pike County

Pike County

Venters Branch 0.4 to 1.8 (1.4 mi)

Martin County

Floyd County

Into Middle Fork Rockcastle River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Specific Conductance Suspected Sources: Surface Mining

Wilson Creek 0.0 to 2.9 (2.9 mi)

Into Right Fork Beaver Creek

<i>, , , ,</i> ,	gint i oin Deaver Oreer	n
Imp	aired Use: Warm Wat	ter Aquatic Habitat (Nonsupport)
	Pollutant: Suspected Sources:	Nutrient/Eutrophication Biological Indicators On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
	Pollutant: Suspected Sources:	Organic Enrichment (Sewage) Biological Indicators On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
	Pollutant: Suspected Sources:	Sedimentation/Siltation Coal Mining; Dredge Mining; Managed Pasture Grazing; Petroleum/Natural Gas Activities; Post-development Erosion and Sedimentation
	Pollutant: Suspected Sources:	Total Dissolved Solids Coal Mining; Petroleum/Natural Gas Activities

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

Wolf Creek 0.0 to 6.6 (6.6 mi)

Martin County Into Tug Fork of Big Sandy River Impaired Use: Primary Contact Recreation Water (Partial Support) Escherichia coli Pollutant: Suspected Sources: Unspecified Urban Stormwater Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Sediment Resuspension (Contaminated Sediment); Surface Mining Pollutant: **Total Dissolved Solids**

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

Martin County

Wolf Creek 6.6 to 17.6 (11 mi)

Into Tug Fork of Big Sandy River

Pollutant:

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Sedimentation/Siltation

Suspected Sources:	Dredging (e.g., for Navigation Channels); Highway/Road/Bridge Runoff (Non-construction Related); Other Spill Related Impacts; Sediment Resuspension (Contaminated Sediment); Surface Mining; Unspecified Urban Stormwater	
	Specific Conductance Other Spill Related Impacts; Surface Mining; Unspecified Urban Stormv	vater
	Total Dissolved Solids Highway/Road/Bridge Runoff (Non-construction Related); Surface Minir	וg
Wolf Creek 17.6 to 20.5 (2. Into Tug Fork of Big Sandy F	River	ounty
Pollutant:	er Aquatic Habitat (Partial Support) Sedimentation/Siltation Highway/Road/Bridge Runoff (Non-construction Related); Surface Minir	וg
	Specific Conductance Highway/Road/Bridge Runoff (Non-construction Related); Surface Minir	וg
	Total Dissolved Solids Highway/Road/Bridge Runoff (Non-construction Related); Surface Minir	ng
Wolfpen Branch 0.0 to 1.7	<u>(1.7 mi)</u> Pike Co	ounty

Into Grassy Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining Pollutant: Temperature, water Suspected Sources: Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining Pollutant: Temperature, water Suspected Sources: Channelization; Loss of Riparian Habitat; Silviculture Harvesting; Surface Mining Pollutant: Total Dissolved Solids Suspected Sources: Silviculture Harvesting; Surface Mining

Big Sandy/Little Sandy/Tygarts Basin Management Unit Big Sandy River Basin Freshwater Reservoirs

E.2 Big Sandy River Basin Freshwater Reservoirs

Dewey Lake (1100 acr	es)	Floyd County
Into Johns Creek		
Impaired Use: Seco	ndary Contact Recreation Water (Partial Support)	
Pollutant:	Total Suspended Solids (TSS)	
Suspected Sou	rces: Surface Mining; Upstream Source	
Fishtrap Reservoir (11	143 acres)	Pike County
Into Levisa Fork of Big	Sandy River	
Impaired Use: Fish	Consumption (Partial Support)	
Pollutant:	PCB in Fish Tissue	
Suspected Sou	rces: Upstream Source	
Paintsville Reservoir ((1139 acres)	Johnson County

Paintsville Reservoir (1139 acres)

Into Paint Creek

Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

E.3 Little Sandy River Basin Rivers

Allcorn Creek 0.7 to 3.2 (2.5 mi) Into Little Sandy River	Greenup County
Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Ripar	rian Habitat
Pollutant: Temperature, water Suspected Sources: Loss of Riparian Habitat	
Bandy Branch 0.0 to 1.4 (1.4 mi)Into Middle Fork of Little Sandy RiverImpaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Sedimentation/SiltationSuspected Sources: Agriculture; Non-Point Source	Elliott County
Barrett Creek 0.0 to 7.2 (7.2 mi) Into Little Sandy River	Carter County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Highway/Road/Bridge Runoff (Non-construction Related) (Land Development or Redevelopment)	; Site Clearance
Cane Creek 0.0 to 4.1 (4.1 mi) Into Little Sandy River	Greenup County
Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown	
Dry Fork 1.2 to 4.5 (3.3 mi) Into Little Fork Little Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Silviculture Harvesting	Lawrence County
East Fork Little Sandy River 4.7 to 14.2 (9.5 mi) Into Little Sandy River Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Agriculture	Greenup County

East Fork Little Sandy Rive	er 16.9 to 24.9 (8 mi)	Boyd County
Impaired Use: Warm Wat Pollutant:	er Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Municipal Point Source Discharges	
	Sedimentation/Siltation Coal Mining; Loss of Riparian Habitat	
	Specific Conductance Agriculture; Coal Mining; Loss of Riparian Habitat; Urban Rur	noff/Storm
The river miles for this segme segment was formerly 17.0 to	ent have been changed to reflect the National Hydrography Da	ata Set. This
East Fork Little Sandy Rive	er 24.9 to 26.4 (1.5 mi)	Boyd County
Into Little Sandy River	antast Descretion Water (Partial Support)	
Pollutant:	ontact Recreation Water (Partial Support) Escherichia coli	
Suspected Sources:	Loss of Riparian Habitat; Non-Point Source	
East Fork Little Sandy Rive	er 27.6 to 30.9 (3.3 mi)	Boyd County
Into Little Sandy River		
•	er Aquatic Habitat (Partial Support)	
	Sedimentation/Siltation Legacy Coal Extraction; Loss of Riparian Habitat	
Ellingtons Bear Cr 0.0 to 1		Boyd County
Into East Fork Little Sandy R		
-	er Aquatic Habitat (Partial Support) Nutrient/Eutrophication Biological Indicators	
Suspected Sources:		
	Sedimentation/Siltation Loss of Riparian Habitat	
	Temperature, water Loss of Riparian Habitat	
Everman Cr 0.0 to 5.7 (5.7 Into Little Sandy River	<u>mi)</u>	Carter County
	er Aquatic Habitat (Partial Support)	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Source Unknown	
Garner Cr 0.0 to 1.8 (1.8 m	<u>i)</u>	Boyd County
Into East Fork Little Sandy R	liver	-
-	er Aquatic Habitat (Partial Support)	
	Sedimentation/Siltation Managed Pasture Grazing; Silviculture Harvesting	
Suspected Sources.	manayeu r asture Graziny, Simbulture Harvestiny	

Hurricane Fork 0.0 to 2.2 (2.2 mi) Into Kevs Creek

Impaired Use: Warm Wat	er Aquatic Habitat (Nonsupport)
Pollutant:	Nutrient/Eutrophication Biological Indicators
Suspected Sources:	Non-Point Source
Pollutant: Suspected Sources:	Sedimentation/Siltation Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Loss of Riparian Habitat; Non-Point Source

Left Fork Howard's Creek 0.0 to 1.2 (1.2 mi)

Into Beaver Creek

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

This stream was misidentified as Left Fork Redwine Creek on the 2010 303(d) list.

Lick Fork 0.0 to 5.2 (5.2 mi)

Into Newcombe Creek
Impaired Use: Warm Water Aquatic Habitat (Partial Support)
Pollutant: Sedimentation/Siltation
Suspected Sources: Habitat Modification - Other than Hydromodification; Managed Pasture
Grazing; Post-development Erosion and Sedimentation; Sand/Gravel/Rock
Mining or Quarries; Unspecified Urban Stormwater
Pollutant: Total Dissolved Solids
Suspected Sources: Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas
Production Activities (Permitted); Sand/Gravel/Rock Mining or Quarries;
Unspecified Urban Stormwater

Little Fork Little Sandy River 5.0 to 6.0 (1 mi)

Into Little Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat Pollutant: Temperature, water Suspected Sources: Loss of Riparian Habitat

Little Fork Little Sandy River 6.0 to 12.1 (6.1 mi)

Into Little Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Chlorine Suspected Sources: Package Plant or Other Permitted Small Flows Discharges Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Carter County

Carter County

Elliott County

Elliott County

Boyd County

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

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 23.8 to 29.8.

Little Fork Little Sandy River 27.7 to 30.5 (2.8 mi)

Little Fork Little Sandy River 12.1 to 23.8 (11.7 mi)

Little Fork Little Sandy River 23.8 to 27.7 (3.9 mi)

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Surface Mining

Sedimentation/Siltation

Sedimentation/Siltation

Into Little Sandv River

Into Little Sandy River

Pollutant:

Pollutant:

Into Little Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Livestock (Grazing or Feeding Operations); Loss of Riparian Habitat Pollutant: Temperature, water Suspected Sources: Loss of Riparian Habitat

Little Sandy River 0.15 to 0.3 (0.15 mi)

Into Ohio River Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Fecal Coliform Suspected Sources: Package Plant or Other Permitted Small Flows Discharges

Little Sandy River 12.1 to 20.1 (8 mi)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Source Unknown; Upstream Source

Little Sandy River 72.7 to 75.5 (2.8 mi)

Into Ohio River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification – Other than Hydromodification

Lower Stinson Creek 0.0 to 1.1 (1.1 mi)

Into Little Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Non-irrigated Crop Production

Big Sandy/Little Sandy/Tygarts Basin Management Unit Little Sandy River Basin Rivers

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

Carter County

Elliott County

Greenup County

Greenup County

Elliott County

Carter County

Elliott County

E-47

Big Sandy/Little Sandy/Tygarts Basin Management Unit Little Sandy River Basin Rivers

Middle Fork Little Sandy River 5.8 to 7.5 (1.7 mi)

Into Little Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Near Fork Sandsuck Creek 1.1 to 2.0 (0.9 mi)

Into Sandsuck Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Non-Point Source; Source Unknown

Newcombe Creek 1.1 to 7.3 (6.2 mi)

Into Little Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Legacy Coal Extraction; Petroleum/Natural Gas Activities; Silviculture Activities

The river miles for this segment have been changed to reflect the National Hydrography Data Set. This segment was formerly 0.0 to 11.9.

Oldtown Creek 0.0 to 1.9 (1.9 mi)

Into Little Sandy River		
Impaired Use: Warm Wat	er Aquatic Habitat (Partial Support)	
Pollutant:	Oil and Grease	
Suspected Sources:	Source Unknown	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Livestock (Grazing or Feeding Operations); Loss of Riparian H Source Unknown	Habitat;
Pollutant:	Temperature, water	
Suspected Sources:	Loss of Riparian Habitat; Source Unknown	
Pollutant:	Turbidity	
Suspected Sources:	Livestock (Grazing or Feeding Operations); Loss of Riparian H Source Unknown	Habitat;
Right Fork Newcombe Cre	ek 0.0 to 4.2 (4.2 mi)	Elliott County
Into Newcombe Creek		

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources:
 Crop Production (Crop Land or Dry Land); Habitat Modification - Other than Hydromodification; Managed Pasture Grazing; Sand/Gravel/Rock Mining or Quarries; Surface Mining

 Pollutant:
 Total Dissolved Solids

 Suspected Sources:
 Habitat Modification - Other than Hydromodification; Petroleum/Natural Gas Production Activities (Permitted); Sand/Gravel/Rock Mining or Quarries; Surface Mining

Elliott County

Greenup County

Elliott County

Greenup County

Rocky Branch 0.0 to 3.2 (3	3.2 mi)	Elliott County
Into Newcombe Creek		
Pollutant:	ter Aquatic Habitat (Partial Support) Sedimentation/Siltation Habitat Modification - Other than Hydromodificati Bridges, Infrastructure (New Construction); Post- Sedimentation; Surface Mining; Unspecified Urba	development Erosion and
Pollutant: Suspected Sources:	Total Dissolved Solids Habitat Modification - Other than Hydromodificati Production Activities (Permitted); Surface Mining: Stormwater	
South Fork Ruin Creek 0.7	to 5.5 (4.8 mi)	Elliott County
Into Little Sandy River		
Pollutant:	ter Aquatic Habitat (Nonsupport) Sedimentation/Siltation	
	Grazing in Riparian or Shoreline Zones; Highway Infrastructure (New Construction)	s, Roads, Bridges,
Straight Creek 0.0 to 3.8 (3		Carter County
Into Little Fork Little Sandy F		
	ter Aquatic Habitat (Partial Support)	
Pollutant: Suspected Sources:	Sedimentation/Siltation Non-irrigated Crop Production; Silviculture Harve	sting
Tunnel Branch 0.0 to 1.7 (<u>1.7 mi)</u>	Greenup County
Into Little Sandy River		
-	ter Aquatic Habitat (Nonsupport)	
Pollutant: Suspected Sources:	Sedimentation/Siltation Loss of Riparian Habitat; Post-development Eros	ion and Sedimentation
Pollutant: Suspected Sources:	Temperature, water Loss of Riparian Habitat; Post-development Eros	ion and Sedimentation
UT of Clay Fork 0.0 to 1.2 (<u>1.2 mi)</u>	Elliott County
Into Clay Fork		
	ter Aquatic Habitat (Partial Support)	
Pollutant: Suspected Sources:	Cause Unknown Source Unknown	
Pollutant:	Sedimentation/Siltation	
Suspected Sources:	Non-Point Source; Source Unknown	

Nutrient/Eutrophication Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Organic Enrichment (Sewage) Biological Indicators Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization Pollutant: **Total Dissolved Solids** Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Wells Creek 0.0 to 3.5 (3.5 mi) **Elliott County** Into Little Sandy River Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Sedimentation/Siltation Suspected Sources: Impacts from Abandoned Mine Lands (Inactive); Managed Pasture Grazing; Non-irrigated Crop Production; Silviculture Harvesting

Whetstone Creek 1.2 to 3.3 (2.1 mi)

UT to East Fork Little Sandy River 0.0 to 0.3 (0.3 mi)

Impaired Use: Warm Water Aquatic Habitat (Nonsupport)

Into East Fork Little Sandv River

Pollutant:

Into Little Sandy River Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Non-Point Source; Source Unknown Pollutant: Sedimentation/Siltation Suspected Sources: Loss of Riparian Habitat; Non-Point Source; Source Unknown

Williams Creek 0.0 to 2.9 (2.9 mi)

Into East Fork Little Sandy River

Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown

Pollutant: Sedimentation/Siltation Suspected Sources: Habitat Modification - Other than Hydromodification; Natural Sources; Streambank Modifications/Destabilization

- -

Boyd County

Greenup County

Greenup County

Big Sandy/Little Sandy/Tygarts Basin Management Unit Little Sandy River Basin Freshwater Reservoirs

E.4 Little Sandy River Basin Freshwater Reservoirs

Grayson Lake (1512 acres)

Carter County

Into Little Sandy River Impaired Use: Fish Consumption (Partial Support) Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

E.5 Ohio River Basin Rivers

Newberry Branch 0.0 to 2.8 (2.8 mi)

Into Ohio River Impaired Use

Pollutant:	ter Aquatic Habitat (Nonsupport) Nutrient/Eutrophication Biological Indicators Non-irrigated Crop Production
Pollutant: Suspected Sources:	Sedimentation/Siltation Channelization; Highway/Road/Bridge Runoff (Non-construction Related); Non-irrigated Crop Production
Pollutant: Suspected Sources:	Total Dissolved Solids Highway/Road/Bridge Runoff (Non-construction Related); Non-irrigated Crop Production

Rockhouse Fork 0.0 to 2.1 (2.1 mi)

Into Daniels Fork

Impaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Sedimentation/SiltationSuspected Sources: Loss of Riparian Habitat; Non-Point SourcePollutant:Specific ConductanceSuspected Sources: Coal Mining

UT to Chinns Branch 0.0 to 1.1 (1.1 mi)

Into Chinns Branch

Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation

Pollutant: Temperature, water Suspected Sources: Channelization; Loss of Riparian Habitat; Post-development Erosion and Sedimentation

E-51

Greenup County

Greenup County

Greenup County

Big Sandy/Little Sandy/Tygarts Basin Management Unit Tygarts Creek Basin Rivers

E.6 Tygarts Creek Basin Rivers

Backs Branch 0.0 to 0.9 (0.9 mi)

Into Tygarts Creek

 Impaired Use: Warm Water Aquatic Habitat (Partial Support)

 Pollutant:
 Sedimentation/Siltation

 Suspected Sources: Loss of Riparian Habitat; Managed Pasture Grazing

Jacobs Fork 0.0 to 2.05 (2.05 mi)

Into Tygarts Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Non-irrigated Crop Production; Source Unknown; Unrestricted Cattle

Pollutant: Sedimentation/Siltation

Non-irrigated Crop Production; Unrestricted Cattle Access

Jacobs Fork 3.6 to 5.7 (2.1 mi)

Into Tygarts Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation

Suspected Sources:

Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Dredge Mining; Dredging (e.g., for Navigation Channels); Managed Pasture Grazing

Schultz Creek 4.7 to 7.5 (2.8 mi)

Into Tygarts Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Loss of Riparian Habitat

Smith Creek 2.0 to 4.3 (2.3 mi)

Into Buffalo Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Livestock (Grazing or Feeding Operations) Pollutant: Temperature, water Suspected Sources: Source Unknown

Soldier Fork 0.0 to 5.5 (5.5 mi)

Into Jacobs Fork Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Cause Unknown Suspected Sources: Source Unknown Pollutant: Sedimentation/Siltation

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

Carter County

Greenup County

Greenup County

Carter County

Carter County

Carter County

Big Sandy/Little Sandy/Tygarts Basin Management Unit Tygarts Creek Basin Rivers

Trough Camp 1.5 to 6.1 (4.6 mi)

Into Tygarts Creek Impaired Use: Warm Water Aquatic Habitat (Partial Support) Pollutant: Sedimentation/Siltation Suspected Sources: Channelization; Post-development Erosion and Sedimentation

Tygarts Creek 0.2 to 25.0 (24.8 mi)

Into Ohio River Impaired Use: Fish Consumption (Nonsupport) Pollutant: Methylmercury Suspected Sources: Source Unknown

> Pollutant: PCB in Fish Tissue Suspected Sources: Source Unknown

Tygarts Creek 25.0 to 36.3 (11.3 mi)

Into Ohio River

Impaired Use: Fish Consumption (Nonsupport) Pollutant: Methylmercury Suspected Sources: Source Unknown

> Pollutant: PCB in Fish Tissue Suspected Sources: Source Unknown

Impaired Use: Warm Water Aquatic Habitat (Partial Support)

Pollutant: Nutrient/Eutrophication Biological Indicators Suspected Sources: Agriculture: Non-Point Source

Pollutant: Sedimentation/Siltation Suspected Sources: Agriculture; Loss of Riparian Habitat; Non-Point Source

Tygarts Creek 36.3 to 45.5 (9.2 mi)

Into Ohio River

Impaired Use: Fish Consumption (Nonsupport) Pollutant: Methylmercury Suspected Sources: Source Unknown

> Pollutant: PCB in Fish Tissue Suspected Sources: Source Unknown

Tygarts Creek 83.2 to 88.6 (5.4 mi)

Into Ohio River

Impaired Use: Warm Water Aquatic Habitat (Partial Support)Pollutant:Sedimentation/SiltationSuspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point SourcePollutant:Specific ConductanceSuspected Sources: Coal Mining; Loss of Riparian Habitat; Non-Point Source

Greenup County

Greenup County

Carter County

Carter County

Greenup County

Big Sandy/Little Sandy/Tygarts Basin Management Unit Tygarts Creek Basin Rivers

White Oak Creek 0.0 to 1.1 (1.1 mi)

Greenup County

Into Tygarts Creek Impaired Use: Warm Water Aquatic Habitat (Nonsupport) Pollutant: Cause Unknown Suspected Sources: Habitat Modification - Other than Hydromodification; Highways, Roads, Bridges, Infrastructure (New Construction)

Appendix F. Ohio River Mainstem 303(d) List: Narrative

F.1 Ohio River Mainstem

Ohio River 319.4 to 317.4 (2.0 miles)

Into Mississippi River

NHD miles 319.7 to 317.6 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013. The river miles for this segment have been changed. This segment was formerly Ohio River 319.4 to 317.2.

Ohio River 340.8 to 319.4 (21.4 miles)

Into Mississippi River NHD miles 341.2 to 319.7 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Ohio River 356.6 to 340.8 to (15.8 miles)

Greenup County

Boyd and Greenup Counties

Into Mississippi River NHD miles 356.8 to 341.2 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Boyd County

Ohio River 377.7 to 356.6 (21.1 miles)

Into Mississippi River

NHD miles 377.7 to 356.8 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Ohio River 382.2 to 377.7 (4.5 miles)

Into Mississippi River NHD miles 382.2 to 377.7 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

The river miles for this segment have been changed. This segment was formerly Ohio River 382.9 to 377.7.

Ohio River 388.0 to 382.2 (5.8 miles)

Into Mississippi River NHD miles 388.0 to 382.2 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

See Chapter 4, Status of TMDLs Under Development Prior to 2012 and Chapter 8, TMDLs Planned for Public Notice During 2013. The river miles for this segment have been changed. This segment was formerly Ohio River 388.0 to 382.9.

Greenup and Lewis Counties

Lewis County

Lewis County

Ohio River 437.2 to 388.0 (49.2 miles)

Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2.3,7,8-TCDD) Suspected Sources: Source Unknown

PCB in Water Column Pollutant: Suspected Sources: Source Unknown

The river miles for this segment have been changed. This segment was formerly Ohio River 436.5 to 388.0.

Ohio River 464.5 to 437.2 to (27.3 miles)

Into Mississippi River NHD miles 463.1 to 435.9 Impaired Use: Fish Consumption (Partial Support) Dioxin (including 2,3,7,8-TCDD) Pollutant: Suspected Sources: Source Unknown PCB in Water Column Pollutant: Suspected Sources: Source Unknown

The river miles for this segment have been changed. This segment was formerly Ohio River 464.5 to 436.5.

Ohio River 465.2 to 464.5 to (0.7 miles)

Into Mississippi River NHD miles 464.8 to 463.1 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: PCB in Water Column

Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Ohio River 469.4 to 465.2 (4.2 miles)

Into Mississippi River NHD miles 469.0 to 464.8 Impaired Use: Fish Consumption (Partial Support) Dioxin (including 2,3,7,8-TCDD) Pollutant: Suspected Sources: Source Unknown PCB in Water Column Pollutant: Suspected Sources: Source Unknown

The river miles for this segment have been changed. This segment was formerly Ohio River 469.3 to 465.2.

Lewis, Mason and Bracken Counties

Bracken, Pendleton and Campbell Counties

Campbell County

Campbell County

Into Mississippi River

NHD miles 435.9 to 388.0

Ohio River 471.4 to 469.4 (2.0 miles)

Into Mississippi River

NHD miles 470.6 to 469.0 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The river miles for this segment have been changed. This segment was formerly Ohio River 471.4 to 469.3.

Ohio River 475.1 to 471.4 to (3.7 miles)

Into Mississippi River NHD miles 474.6 to 470.6 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Ohio River 477.5 to 475.1 (2.4 miles)

Into Mississippi River NHD miles 477.0 to 474.6 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The river miles for this segment have been changed. This segment was formerly Ohio River 477.6 to 475.1.

Campbell and Kenton Counties

Kenton and Boone Counties

Kenton County

Ohio River 488.2 to 477.5 to (10.7 miles)

Into Mississippi River

NHD miles 487.6 to 477.0 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The river miles for this segment have been changed. This segment was formerly Ohio River 488.0 to 477.6.

Ohio River 593.4 to 488.2 to (105.2 miles)

Into Mississippi River NHD miles 592.1 to 487.6 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: PCB in Water Column Suspected Sources: Source Unknown

The 2010 Integrated Report listing for Ohio River from river mile 603.3 to 488.0 has been split into three segments and river miles have been changed. The corresponding segments are now 593.4 to 488.2, 595.8 to 593.4, and 603.1 to 595.8.

Ohio River 595.8 to 593.4 (2.4 miles)

Into Mississippi River NHD miles 594.5 to 592.1 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: PCB in Water Column Suspected Sources: Source Unknown Impaired Use: Primary Contact Recreation Water (Partial Support)

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The 2010 Integrated Report listing for Ohio River from river mile 603.3 to 488.0 has been split into three segments and river miles have been changed. The corresponding segments are now 593.4 to 488.2, 595.8 to 593.4, and 603.1 to 595.8.

Boone County

Jefferson County

Boone, Gallatin, Carroll, Trimble, Oldham and Jefferson Counties

Ohio River 603.1 to 595.8 (7.3 miles)

Into Mississippi River NHD miles 601.9 to 594.5 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: PCB in Water Column Suspected Sources: Source Unknown

The 2010 Integrated Report listing for Ohio River from river mile 603.3 to 488.0 has been split into three segments and river miles have been changed. The corresponding segments are now 593.4 to 488.2, 595.8 to 593.4, and 603.1 to 595.8.

Ohio River 605.8 to 603.1 (2.7 miles)

Into Mississippi River NHD miles 604.5 to 601.9 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The 2010 Integrated Report listing for Ohio River from river mile 608.1 to 603.3 has been split into two segments and river miles have been changed. The corresponding segments are now 604.3 to 603.1 and 608.7 to 604.3.

Ohio River 608.7 to 605.8 to (2.9 miles)

Into Mississippi River NHD miles 607.1 to 604.5 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The 2010 Integrated Report listing for Ohio River from river mile 608.1 to 603.3 has been split into two segments and river miles have been changed. The corresponding segments are now 604.3 to 603.1 and 608.7 to 604.3.

Jefferson County

Jefferson County

Jefferson County

Ohio River 614.0 to 608.7 (5.3 miles)

Jefferson County

Into Mississippi River NHD miles 611.4 to 607.1 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The 2010 Integrated Report listings for Ohio River from river mile 609.2 to 608.1 and 614.9 to 609.2 have been combined into one segment and river miles have been changed. The corresponding segment is now 614.0 to 608.7.

Ohio River 676.8 to 614.0 (62.8 miles)

Jefferson, Hardin and Meade Counties

Into Mississippi River NHD miles 674.8 to 611.4 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The river miles for this segment have been changed. This segment was formerly Ohio River 614.9 to 683.0.

Ohio River 720.8 to 676.8 to (44.0 miles)

Into Mississippi River NHD miles 718.1 to 674.8 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The river miles for this segment have been changed. This segment was formerly Ohio River 719.5 to 683.0.

Ohio River 736.7 to 720.8 (15.9 miles)

Into Mississippi River NHD miles 733.8 to 718.1 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown Pollutant: PCB in Water Column Suspected Sources: Source Unknown Impaired Use: Primary Contact Recreation Water (Partial Support)

Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The river miles for this segment have been changed. This segment was formerly Ohio River 735.7 to 719.5.

Meade, Breckinridge and Hancock Counties

Hancock County

Ohio River 756.3 to 736.7 to (19.6 miles)

Into Mississippi River NHD miles 752.9 to 733.8 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The river miles for this segment have been changed. This segment was formerly Ohio River 756.4 to 735.7.

Ohio River 760.6 to 756.3 to (4.3 miles)

Into Mississippi River

NHD miles 757.0 to 752.9 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The river miles for this segment have been changed. This segment was formerly Ohio River 760.6 to 756.4.

Hancock and Daviess Counties

Daviess County

Ohio River 776.0 to 760.6 to (15.4 miles)

Daviess and Henderson Counties

Into Mississippi River NHD miles 772.3 to 757.0 to Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The 2010 Integrated Report listing for Ohio River from river mile 789.3 to 760.6 has been split into two segments, 776.0 to 760.6 and 789.3 to 776.0.

Ohio River 789.3 to 776.0 to (13.3 miles)

Henderson County

Into Mississippi River NHD miles 785.6 to 772.3 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The 2010 Integrated Report listing for Ohio River from river mile 789.3 to 760.6 has been split into two segments, 776.0 to 760.6 and 789.3 to 776.0.

Ohio River 792.1 to 789.3 (2.8 miles)

	2 (111100)	
Into Mississippi River		
NHD miles 788.4 to 785.6		
Impaired Use: Fish Consum	nption (Partial Support)	
Pollutant: D	ioxin (including 2,3,7,8-TCDD)	
Suspected Sources: Se	ource Unknown	
Pollutant: M Suspected Sources: So	lercury in Fish Tissue ource Unknown	
Pollutant: Pollutant: Pollutant: Pollutant: Pollutant: Sources: So	CB in Water Column ource Unknown	
Obia $Piyar 702.0 to 700.1 (1.1 milas)$		

Ohio River 793.2 to 792.1 (1.1 miles)

Into Mississippi River NHD miles 789.3 to 788.4 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Ohio River 795.7 to 793.2 (2.5 miles)

Into Mississippi River NHD miles 791.9 to 789.3 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The river miles for this segment have been changed. This segment was formerly Ohio River 798.4 to 793.2.

Henderson County

Henderson County

Henderson County

Ohio River 799.8 to 795.7 (4.1 miles)

Into Mississippi River NHD miles 794.85 to 791.9 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The river miles for this segment have been changed. This segment was formerly Ohio River 799.8 to 798.4.

Ohio River 802.9 to 799.8 (3.1 miles)

Henderson County

Into Mississippi River

NHD miles 798.9 to 794.85 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Henderson County

Ohio River 820.1 to 802.9 (17.2 miles)

Into Mississippi River NHD miles 816.2 to 798.4 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Ohio River 826.4 to 820.1 (6.3 miles)

Henderson County

Into Mississippi River NHD miles 822.5 to 816.2 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Nonsupport) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Henderson County

Ohio River 846.3 to 826.4 (19.9 miles)

Into Mississippi River NHD miles 842.1 to 822.5 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The river miles for this segment have been changed. This segment was formerly Ohio River 847.3 to 826.4.

Ohio River 849.7 to 846.3 (3.4 miles)

Into Mississippi River NHD miles 845.6 to 842.1 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

The 2010 Integrated Report listing for Ohio River from river mile 853.4 to 847.3 has been split into two segments and the river miles have been changed. The corresponding segments are now 849.7 to 846.3 and 853.4 to 849.7.

Henderson and Union Counties

Union County

Ohio River 853.4 to 849.7 (3.7 miles)

Into Mississippi River	
NHD miles 849.4 to 845.6	
Impaired Use: Fish Consi	umption (Partial Support)
Pollutant:	Dioxin (including 2,3,7,8-TCDD)
Suspected Sources:	Source Unknown
Pollutant:	Mercury in Fish Tissue
Suspected Sources:	Source Unknown
Pollutant: Suspected Sources:	PCB in Water Column Source Unknown

The 2010 Integrated Report listing for Ohio River from river mile 853.4 to 847.3 has been split into two segments and the river miles have been changed. The corresponding segments are now 849.7 to 846.3 and 853.4 to 849.7.

Ohio River 857.6 to 853.4 (4.2 miles)

Into Mississippi River NHD miles 853.3 to 849.4 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

> Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Ohio River 862.1 to 857.6 (4.5 miles)

Into Mississippi River NHD miles 857.8 to 853.3 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown **Union County**

Union County

Union County

Ohio River 872.8 to 862.1 (10.7 miles)

Into Mississippi River NHD miles 868.3 to 857.8 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Ohio River 878.2 to 872.8 (5.4 miles)

Into Mississippi River NHD miles 873.25 to 868.3 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Ohio River 882.9 to 878.2 (4.7 miles)

Into Mississippi River NHD miles 877.9 to 873.25 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Crittenden County

Union and Crittenden Counties

Union County

Ohio River 894.6 to 882.9 (11.7 miles)

0110 111001 034.0 10 002.3	
Into Mississippi River	
NHD miles 889.45 to 877.9	
Impaired Use: Fish Const	umption (Partial Support)
Pollutant:	Dioxin (including 2,3,7,8-TCDD)
Suspected Sources:	Source Unknown
Pollutant: Suspected Sources:	Mercury in Fish Tissue Source Unknown
Pollutant: Suspected Sources:	PCB in Water Column Source Unknown
Ohio River 910 3 to 894 6 (*	157 miles)

Ohio River 910.3 to 894.6 (15.7 miles)

Into Mississippi River NHD miles 904.85 to 889.45 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Ohio River 920.5 to 910.3 (10.2 miles)

Into Mississippi River NHD miles 915.0 to 904.85 to Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

> Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Crittenden and Livingston Counties

Livingston County

Livingston County

Ohio River 925.8 to 920.5 (5.3 miles)

Livingston County

Into Mississippi River NHD miles 919.9 to 915.0 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown

Pollutant: Mercury in Fish Tissue Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Impaired Use: Primary Contact Recreation Water (Partial Support) Pollutant: Escherichia coli Suspected Sources: Source Unknown

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

Ohio River 981.3 to 925.8 (55.5 miles)

Into Mississippi River NHD miles 974.4 to 919.9 Impaired Use: Fish Consumption (Partial Support) Pollutant: Dioxin (including 2,3,7,8-TCDD) Suspected Sources: Source Unknown Pollutant: Mercury in Fish Tissue

Suspected Sources: Source Unknown

Pollutant: PCB in Water Column Suspected Sources: Source Unknown

Livingston, McCracken and Ballard Counties