

Title 11: Mississippi Department of Environmental Quality
Part 6: Wastewater Pollution Control Regulations
Part 6, Chapter 9: Mississippi Commission on Environmental Quality,
Mississippi 2024 Section 303(d) List of Impaired Water Bodies

Prepared by
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Title 11: Mississippi Department of Environmental Quality

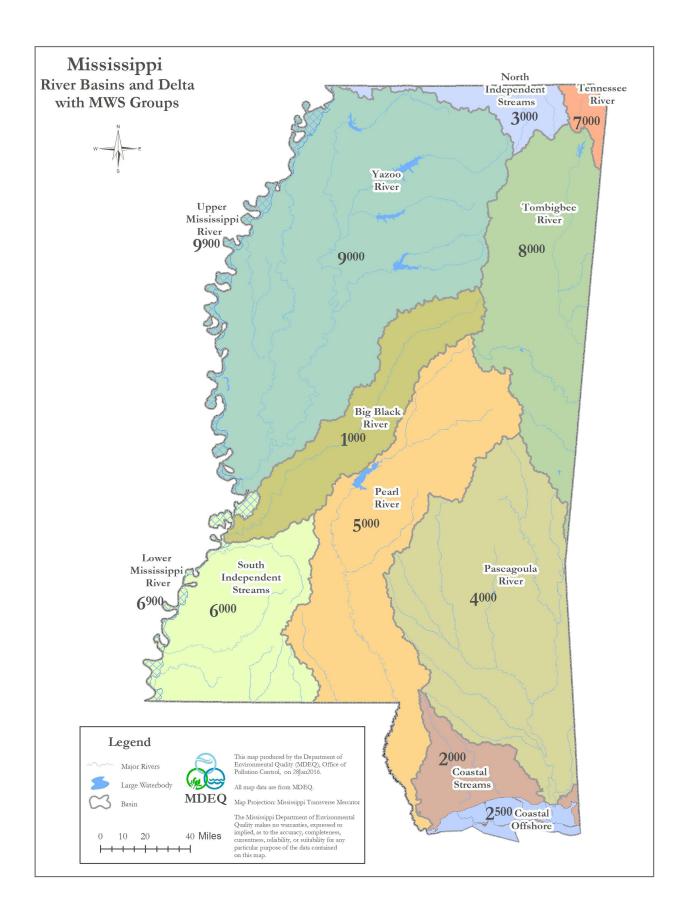
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EXECUTIVE SUMMARY

The Mississippi Department of Environmental Quality (MDEQ) has developed a new collaborative framework for implementing Vision 2.0. The new framework is designed to help coordinate and focus various efforts to advance the effectiveness of the water program. Given resource constraints and competing program priorities, leveraging resources and coordinating efforts is crucial. This new framework does not change regulations, policies, or issue new mandates. It is intended to provide focus for MDEQ water programs to better manage the activities and promote collaboration to achieve water quality goals for the streams, rivers, lakes, and estuaries of Mississisppi.

In order to select the priority watersheds, MDEQ used landscape information to calculate metrics on the watershed scale that are used to characterize and rank watersheds by resource value and potential stressors. Resource value was determined using environmental and human welfare data layers. Environmental Factors considered included erosion potential, impervious area, wetlands, impaired waters, and concentration and types of discharge permits. Human Welfare Factors included demographics, fishing advisories, water supply intakes, public water supplies, recreational water bodies, public waterways, national and state parks, and recreational locations. Other factors considered were the presence of existing watershed plans, ongoing restoration and/or conservation work, and engaged stakeholders, all of which greatly increase the chances of success.

Weights for each of these were adjusted based on professional judgment of the importance of each for characterizing watershed value. Once these factors were developed, standardized, and weighted, the tool produced a relative ranking of every watershed within the state. One hundred watersheds were ranked using the Priority Framework Model to screen watersheds for activities that will address the water program goals.

To continue development of priority framework and better address human welfare/environmental justice concerns; MDEQ has implemented the Supplemental Demographic Index. The SDI better captures the state's environmental justice factors based on five socioeconomic indicators; low income, unemployment, limited English speaking, less than high school education, and low life expectancy. Watersheds containing 303d listed impaired waterbodies were also weighted with greater priority than in previous frameworks.

MDEQ will review the selection process and screening criteria annually to identify the priority watersheds for the following ten-year period. Flexibility will be retained to amend watershed selection in the face of changing state priorities (e.g., environmental justice, climate change) as well as changing EPA national and regional priorities.

RULE 9.1 INTRODUCTION

Mississippi's 2024 Section 303(d) List of Impaired Water Bodies fulfills the state's obligation with respect to §303(d) of the Federal Clean Water Act to develop a listing of the state's impaired waters. MDEQ provides two reports, this §303(d) list and a §305(b) report. These are not physically integrated, but the lists are meant to have a one-to-one relationship in that all of the water body segments found in the §305(b) report listed in category 5 are also listed in this document in Table 9 below. These basins are shown on the map on page 4.

- 1. Big Black River Basin
- 2. Coastal Streams Basin
- 3. North Independent Streams Basin
- 4. Pascagoula River Basin
- 5. Pearl River Basin
- 6. South Independent Streams and Lower Mississippi River Basins
- 7. Tennessee River Basin
- 8. Tombigbee River Basin
- 9. Yazoo River and Upper Mississippi River Basins

Source: Miss. Code Ann. §§ 49-2-1, et seq. and 49-17-1, et seq.

RULE 9.2 REGULATORY REQUIREMENT

Section 303(d) of the Clean Water Act and the implementing federal regulations at 40 C.F.R. §130.7 require the state to identify those waters within its jurisdiction for which effluent limitations are not sufficient to implement one or more applicable water quality standards and for which TMDLs are not yet completed. The state is to establish a priority ranking for such waters, taking into account the severity of the pollution and the designated uses to be made of such waters.

Source: Miss. Code Ann. §§ 49-2-1, et seq. and 49-17-1, et seq.

RULE 9.3 ASSESSMENT METHODOLOGY

A. Consolidated Assessment Listing Methodology (CALM)

All data used to make formal assessments of the quality of the state's waters, regardless of its source, are evaluated in keeping with the requirements and guidelines in the state's *Mississippi CALM [Consolidated Assessment Listing Methodology] for 2024*, [CALM] (MDEQ, 2024). The 2024 CALM can be found online at:

https://www.mdeq.ms.gov/water/field-services/water-quality-assessment/

Monitoring data and information that may be considered when assessing state waters could include chemical, physical, bacteriological, toxicological, and/or biological (e.g., macroinvertebrate, fish, and algal community measurements) data. In addition to using MDEQ-generated data, MDEQ solicits and considers all readily available data and information within the assessment window collected by other Federal, State, local agencies/organizations, and the public. Data generated by MDEQ, other agencies, and individuals should be of the quality necessary to make credible and realistic assessment decisions on the condition of the state's waters. Whenever possible, data needs to be of the highest quality and developed using sampling and analytical protocols and standard operating procedures recognized by state and EPA quality assurance program plans. This data solicitation effort is facilitated through MDEQ's Basin Management Approach.

B. Designated Uses

The water quality assessment process begins with the collection and compilation of the available data followed by the analysis of water quality data and information for the purpose of determining the quality of the state's surface water resources. Surface waters in Mississippi are used for a number of purposes including drinking water supply, shellfish harvesting, recreation, fishing, and aquatic life use support (ALUS). Water bodies are designated and assigned various use classifications by MDEQ in the state's Water Quality Standards (11 Miss. Admin. Code Pt. 6, Ch. 2) {WQS}. This designation is made based on the use(s) of the water body as identified by the public and other entities. The use classifications and associated USEPA designated uses for water quality assessment purposes recognized by the State of Mississippi are given in Table 1.

Table 1 Water Body Classification

Water Body Classification	USEPA Associated Designated Use
Public Water Supply	Drinking Water Supply
Recreation	Contact Recreation
Fish and Wildlife	Aquatic Life Use, Fish Consumption,
	Secondary Contact Recreation
Shellfish Harvesting	Shellfish Consumption

C. Water Quality Standards

Most of Mississippi's waters are classified as Fish and Wildlife. For each of the water body classifications listed above, there are various water quality criteria that apply to those water body uses. These standards are used in the assessment process. A water body (part or all of a stream, river, lake, estuary or coastline) should support one or more of these uses. Mississippi's WQS specify the appropriate levels for which various water quality parameters or indicators support a water body's designated use(s). Each use assessed for a water body is determined to be either "Attaining" or "Not Attaining" in accordance with the applicable water quality standards and EPA guidelines for assessments pursuant to §305(b). For the 2024 assessments, all monitoring data were collected prior to the approval of the current Water Quality Criteria for Intrastate, Interstate, and Coastal Waters. The applicable criteria was approved in 2021. Mississippi's WQS may be found here:

https://www.mdeq.ms.gov/water/surface-water/watershed-management/water-quality-standards/

D. Assessment Categories

After assessing attainment status of the water body's designated use(s), each water body is assigned to an assessment unit that defines the length of the reach assessed and is placed into one of five assessment categories as per EPA guidance. These categories are summarized in Table 2.

Table 2 Assessment Categories

Category 1	All uses associated with the Assessment Unit have a use
	attainment status of "Fully Supporting"
Category 2	All uses associated with the Assessment Unit that have
	been assessed are "Fully Supporting" but there is
	insufficient data to determine if remaining designated uses
	are met
Category 3	Insufficient data to determine whether any designated uses
	are met
Category 4	More specific categories of 4A, 4B, and 4C are required
4A	TMDL has been completed
4B	Other required control measures will result in
	attainment of WQS
4C	Impairment or threat not caused by a pollutant
Category 5	Available data indicate that at least one designated use is
	not being supported and a TMDL is needed
5R	Available data indicate that at least one designated use is
	not being supported, but an alternative restoration
	approach is being implement rather than development of a
	TMDL.

The §303(d) list includes streams that are impaired that do not have completed Total Maximum Daily Loads (TMDLs). Once the TMDL is completed, but prior to the stream being restored, MDEQ modifies the assessment category of the stream. An impaired stream without a TMDL is assessed in category 5. A stream with a TMDL, but still impaired, is assessed in category 4A. The §303(d) lists all of the category 5 waters. Completed TMDLs may be found on the TMDL website at:

https://opcgis.deg.state.ms.us/tmdls

For a listing of all assessed waters and their assigned category, please see the §305(b) Water Quality Assessment Report listed below:

https://www.mdeq.ms.gov/water/field-services/water-quality-assessment/

E. Monitoring Data

Assessments for 2024 are based on current site-specific monitoring data believed to accurately portray existing water quality conditions. A water body is considered monitored if sufficient (in quantity, quality, and frequency) physical, chemical, biological, bacteriological, and/or fish tissue data were collected and assessed on the water body data from January 1, 2018 to December 31, 2023.

Physical and chemical data include such parameters as pH, temperature, dissolved oxygen, toxicants, turbidity, total dissolved solids (TDS), and specific conductance. Biological data include the community structure of aquatic insects, other macroinvertebrates, fish, and/or algae. Bacteriological data include water column surveys for fecal coliform bacteria, E *coli*, or enterococci bacteria. Fish tissue data include the analyses of fish flesh for the presence of toxic organic chemicals and metals. The length of record of the data, the quality of the data, and the frequency at which the data are collected were considered in making use attainment decisions.

For 2024, MDEQ considered all known and readily available information on the quality of the state's waters in conjunction with the rotating basin approach and MDEQ's §305(b) assessment program. However, only data that allowed for the accurate interpretation of the state's water quality standards or provided compelling evidence were used for §303(d) listing decisions.

Source: Miss. Code Ann. §§ 49-2-1, et seq. and 49-17-1, et seq.

RULE 9.4 FISH AND SHELLFISH CONSUMPTION ADVISORIES AND IMPAIRED WATERS

Non-attainment of the fish consumption use was assessed for a water body based on the presence of a fish consumption advisory supported by fish tissue monitoring data. Water bodies with fish consumption advisories, "restricted" or "no consumption," were assessed as not attaining the fish consumption use support designation. A list of fish consumption advisories can be found on the MDEQ website at:

https://www.mdeq.ms.gov/water/field-services/fish-advisories-fish-tissue-and-fishing-bans/

Coastal water bodies with the Shellfish designated use that have consumption advisories are not included in the 2024 §303(d) List because these waters already have completed TMDLs for pathogens. These waters have a category 4A in the state's §305(b) report. These TMDLs are available for review on MDEQ's website.

Source: Miss. Code Ann. §§ 49-2-1, et seq. and 49-17-1, et seq.

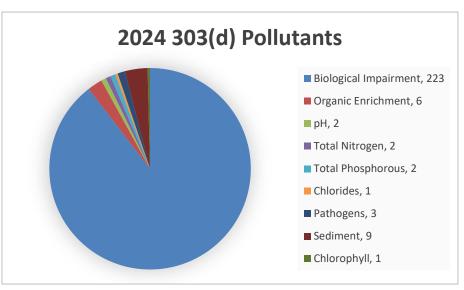
RULE 9.5 LAYOUT OF THE TABLES

A. Stream Listings

The impaired waters in Tables 3-5 below are sorted alphabetically by the river basin then by the water body name. The extent of the segment is described beginning with the upstream boundary thence to the downstream boundary. The maps of these segments are located in Appendix A.

B. Pollutants Included

The pollutants are listed specifically for each listing. There are 241 listings 2024. for Biological Impairment listed 223 times (92.5%). This listing is generated based assessing the result of our benthic sampling M-BISQ. program When the water body is scored below the ecoregional value, it is added to the impaired



waters list. A stressor identification process is then used to identify the specific pollutants causing the microbiological impairment. Organic Enrichment, Total Nitrogen, and Total Phosphorus listings are for excessive nutrients or organics which impact the dissolved oxygen and eutrophication in the water body. The pH listings are from water monitoring results which are outside of the water quality criteria for pH. If there are multiple pollutants and/or uses for a water body, these are shown as multiple listings for the water body.

C. Pollutant Source

Due to the nature of the monitoring and listings for 2024, the source of the impairment is generally not known. For the biological listings a stressor identification process is required to identify probable primary stressors. Once identified, these probable primary stressors are incorporated into the §303(d) List and the biological impairment listing is removed.

D. Water Body Identification Numbers

MDEQ and USGS completed work on the new 12-digit watershed-based delineation of Mississippi in 2005. MDEQ incorporated this new delineation into the identification numbering system for water body segments in the states beginning with the 2006 §305(b) report. Each listed water body segment is identified by a six-digit numeric code. The first digit identifies which basin contains the water body. The major river basins are numbered 1 through 9 in alphabetical order (1 for the Big Black River Basin, 2 for the Coastal Streams Basin, through 9 for the Yazoo Basin.) [See map on page 4.] The next three digits in the six-digit water body identification number refer to the specific subwatershed within that basin. Each major river basin has the subwatersheds it contains numbered beginning with 1 (subwatershed 146 located in the Big Black River Basin would be numbered 1146, subwatershed 74 located in the Pascagoula River Basin would be numbered 4074.) The final two digits in the six-digit water body identification number refer to a specific stream segment within the specified subwatershed. For instance, Beaver Creek, water body ID 521413, is stream segment 13 in subwatershed 214 in the Pearl River Basin.

E. Basin Maps

Maps are included in Appendix A for each basin. Streams shown in blue are the impaired stream segments. In some river basins, the maps were split into 8-digit Hydrologic Unit Codes to better fit the page.

Source: Miss. Code Ann. §§ 49-2-1, et seq. and 49-17-1, et seq.

RULE 9.6 CHANGES MADE FOR 2024

Table 3 provides the changes proposed for 2024 including completed TMDLs since 2022, the monitored streams that are delisted because they are now fully supporting, and other changes made to the list. In addition, the federal NTTS TMDL tracking information are provided. The National TMDL Tracking System (NTTS) number is provided by EPA after the TMDL is finalized and approved. This becomes the identification number for that TMDL report. Full supporting documentation for delisting decisions is available on our website at:

https://www.mdeq.ms.gov/water/surface-water/tmdl/delisting/

For a more detailed description of the data and assessment steps taken, please refer to the state's §305(b) report. This report to Congress reviews all of the data collected and reports results both attaining and non-attaining on the states waters.

Source: Miss. Code Ann. §§ 49-2-1, et seq. and 49-17-1, et seq.

A. Pollutant Change

A listing of Biological Impairment indicates that the waterbody is not fully supporting its aquatic life use. For these waterbodies, a Stressor Identification is required to determine the probable primary cause(s) of the impairment. In many cases the stressor is determined and a TMDL is immediately developed. However, if the Stressor Identification and TMDL approval do not fall in the same listing cycle a pollutant change is required. The waterbodies in Table 3 below have been subject to a Stressor Identification and will require a TMDL for the prescribed pollutant in the future.

Table 3. Pollutant Change

Basin	Water Body Name	Water Body ID	County	Location	Pollutant(s)
Tombigbee				From headwaters to mouth at Town Creek	
River	Dry Creek	804214	Clay, Monroe	CICCK	Sediment
Tombigbee				From headwaters to confluence with	
River	Town Creek	804111	Monroe, Clay	Hang Kettle Creek	Sediment
				From confluence with Hang Kettle	
Tombigbee				Creek to mouth at Tenn-Tom	
River	Town Creek	804211	Clay	Waterway	Sediment
			Montgomery,	Near Duckworth from headwaters to	
Yazoo River	Little Bogue	916911	Webster	confluence with Coffe Branch	Sediment
				From confluence with Coffee Branch to	
Yazoo River	Little Bogue	917011	Montgomery	confluence with Powell Creek	Sediment
			Montgomery,	From confluence with Powell Creek to	
Yazoo River	Little Bogue	917111	Grenada	Batapan Bogue	Sediment

B. Changes to the List this Cycle (TMDL Complete, Delistings)

The waters in Table 4. Below have been removed from the current list because they have been included in a TMDL, have been found to support the designated use, or as a correction.

Table 4. Delistings this Cycle

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location	Listing Change
Big Black River	Jims Bayou	109311	Warren	Aquatic Life Use Support	Biological Impairment	Near Reganton from headwaters to mouth at Big Black River	Waterbody Attaining Use
Coastal Streams	Catahoula Creek	203311	Hancock	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Bernard Bayou	Waterbody Attaining Use
Coastal Streams	Hickory Creek	203511	Hancock	Aquatic Life Use Support	Biological Impairment	From MWS 2034 boundary to mouth at Catahoula Creek	Waterbody Attaining Use
Coastal Streams	Wolf Creek	205312	Hancock, Harrison	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Wolf River	Waterbody Attaining Use

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location	Listing Change
Pascagoula River	Souenlovie Creek	404811	Clarke, Jasper	Aquatic Life Use Support	Biological Impairment	From confluence with Penantly Creek to confluence with Twistwood Creek	Waterbody Attaining Use
Pascagoula River	Sowashee Creek	400811	Lauderdale	Aquatic Life Use Support	Total Nitrogen, Total Phosphorus	At Meridian from headwaters to confluence with Unnamed Tributary at MWS 4237 boundary	Waterbody Attaining Use
Pascagoula River	Sowashee Creek	423711	Lauderdale	Aquatic Life Use Support	Total Nitrogen, Total Phosphorus	From MWS 4008 boundary to MWS 4009 boundary	Waterbody Attaining Use
Pascagoula River	Tallahala Creek	413711	Jones, Jasper	Aquatic Life Use Support	Sediment	From confluence of Talahata Creek to confluence of Big Reely Creek	TMDL developed by MDEQ and approved by EPA January 2023
Pascagoula River	Tallahala Creek	413712	Jones	Aquatic Life Use Support	Sediment	From confluence with Big Reely Creek to MWS 4138 boundary	TMDL developed by MDEQ and approved by EPA January 2023
Pascagoula River	Tallahala Creek	413812	Jones	Aquatic Life Use Support	Sediment	From MWS 4137 boundary to confluence	TMDL developed by MDEQ and approved by EPA January 2023
Pascagoula River	Tallahoma Creek	412911	Jones	Aquatic Life Use Support	Sediment	From confluence with Horse Creek to confluence with Tallahala Creek	TMDL developed by MDEQ and approved by EPA January 2023
Pascagoula River	Tallahoma Creek	402811	Jones	Aquatic Life Use Support	Sediment	From confluence with Terrapin Creek to confluence with Horse Creek	TMDL developed by MDEQ and approved by EPA January 2023
Pascagoula River	Tallahoma Creek	412511	Jasper	Aquatic Life Use Support	Sediment	Near Laurel from confluence with Piney Branch to MWS 4127 boundary	TMDL developed by MDEQ and approved by EPA January 2023
Pascagoula River	Tallahoma Creek	412711	Jasper, Jones	Aquatic Life Use Support	Sediment	From MWS 4125 boundary to confluence with Terrapin Creek	TMDL developed by MDEQ and approved by EPA January 2023

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location	Listing Change
Pearl River	Beaver Creek	521413	Pike	Aquatic Life Use Support	Biological Impairment	Near Johnstons Station from outfall of Dixie Springs Lake to mouth at Bogue Chitto River	Waterbody Attaining Use
Pearl River	Caney Creek	511411	Scott, Smith	Aquatic Life Use Support	Biological Impairment	Near Pulaski from headwaters at W Moore Tower Road to mouth at Strong River	Waterbody Attaining Use
Pearl River	Tibby Creek	505811	Choctaw, Attala	Aquatic Life Use Support	Biological Impairment	Near McCool from confluence with Robinson Branch to MWS 5056 boundary	Waterbody Attaining Use
Pearl River	Topisaw Creek	522211	Pike	Aquatic Life Use Support	Biological Impairment	Near Ruth from MWS 5219 boundary to confluence at Bogue Chitto	Waterbody Attaining Use
South Independent	Bayou Pierre	601611	Copiah	Aquatic Life Use Support	Biological Impairment	From confluence with Foster Creek to confluence with White Oak Creek	Waterbody Attaining Use
South Independent	Folkes Creek	605011	Jefferson	Aquatic Life Use Support	Biological Impairment	From Stampley Creek to mouth at South Fork Coles Cr.	Waterbody Attaining Use
South Independent	Sandy Creek	608811	Adams	Aquatic Life Use Support	Biological Impairment	From confluence with Swafford Creek to mouth at Homochitto Creek	Waterbody Attaining Use
Tombigbee River	Alamuchee Creek	818411	Lauderdale	Aquatic Life Use Support	Biological Impairment	From Little Alamuchee Creek to MS/AL state line	Waterbody Attaining Use
Tombigbee River	Fuller Creek	804112	Clay, Monroe	Aquatic Life Use Support	Biological Impairment	From Headwaters to mouth at Town Creek	Listing Error
Yazoo River	Little Tallahatchie River	901711	Union	Aquatic Life Use Support	Sediment	From confluence with Mud Creek to MWS 9019 boundary	TMDL developed by MDEQ and approved by EPA February 2022

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location	Listing Change
Yazoo River	Little Tallahatchie River	901911	Union, Lafayette	Aquatic Life Use Support	Sediment	From MWS 9017 boundary to confluence with Fice Creek	TMDL developed by MDEQ and approved by EPA February 2022
Yazoo River	Walnut Lake	931011	Tunica	Aquatic Life Use Support	Organic Enrichment/ Low Dissolved Oxygen	Entire Lake	TMDL developed by MDEQ and approved by EPA June 2008

C. Alternative Action Plans (Category 5R, Category 4C)

EPA's current vision for the Clean Water Act 303(d) program provides a more updated and collaborative framework for implementation of the program. In particular, it encourages focusing attention on priority waters and acknowledges states have flexibility in using available tools beyond TMDLs to attain water quality restoration and protection. In the Integrated Reporting Guidance (IRG) issued in 2016, EPA acknowledged the most effective method for achieving water quality restoration or protection may be through controls developed and implemented in advance of a TMDL. The IRG specifically defined the sub-category called an Advanced Restoration Plan or 5R in which actions are taken in advance of a TMDL may be more effective than a TMDL in achieving the goal of attaining water quality necessary to support a designated use for impaired waters. If an alternative approach does not show progress in achieving water quality improvement the impaired segment will be reprioritized for TMDL development. The waters listed as 5R in Table 5 below have been the focus of a collaborative effort between MDEQ and the Natural Resources Conservation Service (NRCS) as part of the National Water Quality Initiative that assess sources, loadings, and success measures necessary to achieve water quality standards.

IRG also provides an explanation of Category 4C. A water may be placed in Category 4C if data indicate that at least one designated use is not being met, but the impairment is not caused by a pollutant, but by pollution. For example, aquatic life use is not supported due to hydrologic alteration or habitat alteration.

Table 5. Alternative Action Plans (5R, 4C)

Basin	Water Body Name	Water Body ID	County	Pollutant	Category	Location
				Organic Enrichment/ Low		
Coastal Streams	Bayou Cassotte	200313	Jackson	Dissolved Oxygen	4C	From confluence of West Prong and East Prong to turning basin
Coastal Streams	Turkey Creek	202211	Harrison	Biological Impairment	4C	From confluence with Canal #2 to HWY 49 Bridge
Pascagoula River	Red Creek	420711	George	pН	4C	From MWS 4206 boundary at confluence with Bluff Creek to MWS 4209 boundary at Red Creek Road
Pearl River	Lynch Creek	509311	Hinds	Biological Impairment	4C	At Jackson from headwaters to the Pearl River
South Independent	Booths Creek	602813	Claiborne	Sediment	5R	From headwaters to mouth at Bayou Pierre
South Independent	Storm Creek	602811	Claiborne	Sediment	5R	Near Carlisle from headwaters to mouth at Bayou Pierre
Tombigbee River	Chiwapa Creek	805512	Pontotoc	Biological Impairment	4C	From 8054 MWS boundary to confluence with Mubby Creek
Tombigbee River	Chiwapa Creek	805611	Pontotoc, Lee	Biological Impairment	4C	From MWS boundary 8055 to confluence with Tubbalubba Creek and Tallabinnela Creek
Yazoo River	Clear Creek	904611	Lafayette	Sediment	5R	From Headwaters to Confluence of Hudson Creek
Yazoo River	Hudson Creek	904612	Lafayette	Sediment	5R	Near Sardis from headwaters to mouth at Clear Creek
Yazoo River	Medlock Branch	902514	Tippah	Biological Impairment	5R	From headwaters to mouth at North Tippah Creek
Yazoo River	North Tippah Creek	902515	Tippah	Sediment	5R	Near Ripley from headwaters confluence with Medlock Branch
Yazoo River	North Tippah Creek	902512	Tippah	Sediment	5R	Near Ripley from confluence with Medlock Branch to mouth at Tippah River
Yazoo River	South Tippah Creek	902513	Tippah	Biological Impairment	5R	From headwaters to mouth at Tippah River

D. New Listings (Category 5)

The waters listed in Table 6 are the new additions to the 303(d) List.

Table 6. New Additions

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Big Black River	Atwood Creek	103012	Attala	Aquatic Life Use Support	Biological Impairment	Near Kosciusko from headwaters to mouth at Apookta Creek
Big Black River	Bear Creek	107711	Warren	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth of Big Black River
Big Black River	Fivemile Creek	108211	Hinds, Warren	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth of Big Black River
Big Black River	Little Bear Creek	107712	Warren	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Bear Creek
Pascagoula River	Chunky River	402611	Lauderdale, Clarke	Recreation	Pathogens	From confluence with Possum Creek to mouth at Chickasawhay River
Pascagoula River	Priests Creek	416112	Forrest	Aquatic Life Use Support	Biological Impairment	From Temple Rd to mouth at Leaf River
Pearl River	Big Creek	521211	Lincoln	Aquatic Life Use Support	Biological Impairment	From Confluence of Sassers Mill Creek to Mouth of Bogue Chitto
Pearl River	Bogue Chitto River	521112	Lincoln	Aquatic Life Use Support	Biological Impairment	From MWS Boundary 5210/5209 to confluence of Boone Creek
Pearl River	Silver Creek	521812	Pike, Walthall	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Bogue Chitto
Pearl River	Strong River	511511	Smith, Rankin	Aquatic Life Use Support	Biological Impairment	From MWS Boundary 5113 to confluence of Purvis Creek
Pearl River	Unnamed Tributary to Pearl River	514713	Lawrence	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth of Pearl River
Pearl River	West Fork Pushepatapa Creek	522711	Walthall	Aquatic Life Use Support	Biological Impairment	From headwaters to Louisiana State Line
South Independent	Middle Fork Thompson Creek	611511	Wilkinson	Aquatic Life Use Support	Biological Impairment	From headwaters to Louisiana State

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
South Independent	Tickfaw River	613311	Amite	Aquatic Life Use Support	Biological Impairment	From headwaters near Mixon to MWS Boundary 6134
South Independent	White Oak Creek	602311	Hinds, Copiah	Aquatic Life Use Support	Biological Impairment	From confluence of Tallahalla Creek to mouth at Bayou Pierre
Tombigbee River	Dry Creek	812612	Oktibbeha	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Cypress Creek
Tombigbee River	Gorman's Branch	805613	Lee	Aquatic Life Use Support	Biological Impairment	From Headwaters to confluence of Chiwapa Creek
Tombigbee River	Reeds Branch	805612	Lee	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Chiwapa Creek
Yazoo River	Little Mud Creek	900413	Union	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Little Tallahatchie River
Yazoo River	Tesheva Creek	922111	Yazoo, Holmes	Aquatic Life Use Support	Biological Impairment	From MWS Boundary 9220 to Yazoo/ Holmes County Line

E. TMDL Successes (Category 4A to Category 2)

The objective of any TMDL is to determine the loading capacity of the waterbody and to allocate that load among different pollutant sources so that the appropriate control actions can be taken and water quality standards achieved. The TMDL process is important for improving water quality because it serves as a link in the chain between water quality standards and implementation of control actions designed to attain those standards. The waters listed in Table 7 have been the subject of one or more TMDLs and through corrective action to reduce the pollutant load are now successfully supporting the designated use. Maps of the TMDL Successes can be found in Appendix B.

Table 7. TMDL Successes

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location	Listing Change
Coastal Streams	Buccaneer State Park Beach	250113	Hancock	Recreation	Pathogens	100 yards east to 100 yards west of sample location	TMDL Complete 03/01/2022
Coastal Streams	Pascagoula Beach East	250512	Jackson	Recreation	Pathogens	From Westwood Street to Grand Oaks	TMDL Complete 03/01/2022

Basin	Water Body Name	Water Body Id	County	Impaired Value Pollutant		Location	Listing Change
Coastal Streams	Pascagoula Beach West	250511	Jackson	Recreation	Pathogens	From Oliver Street to Westwood Street	TMDL Complete 03/01/2022
Coastal Streams	Tchoutacabouffa River	202011	Harrison	Recreation	Pathogens	From confluence with Tuxachanie Creek to confluence with Biloxi River	TMDL Complete 12/01/1999
Coastal Streams	Tuxachaine River	201911	Harrison	Recreation	Pathogens	From MWS boundary 2018 to mouth at Tchoutacabouffa River	TMDL Complete 02/23/2000
North Independent Streams	Hatchie River	302411	Alcorn	Aquatic Life Use Support	pН	From MWS 3019 boundary to the MS/TN State Line	TMDL Complete 04/01/2020
North Independent Streams	Horn Lake Creek	304311	De Soto	Aquatic Life Use Support	Nutrient Pollution	At Hernando from headwaters to Tennessee Line	TMDL Complete 04/01/2006
North Independent Streams	Horn Lake Creek	304311	De Soto	Aquatic Life Use Support	Organic Enrichment / Low Dissolved Oxygen	At Hernando from headwaters to Tennessee Line	TMDL Complete 04/01/2006
North Independent Streams	Horn Lake Creek	304311	De Soto	Aquatic Life Use Support	Sediment	At Hernando from headwaters to Tennessee Line	TMDL Complete 11/30/2005
North Independent Streams	Horn Lake Creek	304311	De Soto	Aquatic Life Use Support	Total Phosphorus	Near Walls from headwaters to MS/TN Stateline	TMDL Complete 04/01/2006
North Independent Streams	Little Hatchie River	301411	Tippah, Alcorn	Aquatic Life Use Support	Sediment	From headwaters to MWS boundary 3015	TMDL Complete 11/01/2005
North Independent Streams	Tuscumbia River Canal	301111	Alcorn, Prentiss	Aquatic Life Use Support	pН	From confluence of Unnamed Trib to the confluence of Eastes Creek	TMDL Complete 04/01/2020
North Independent Streams	Tuscumbia River Canal	301111	Alcorn, Prentiss	Aquatic Life Use Support	Sediment	From confluence of Unnamed Trib to the confluence of Eastes Creek	TMDL Complete 11/01/2005
North Independent Streams	Tuscumbia River Canal	301111	Alcorn, Prentiss	Aquatic Life Use Support	Organic Enrichment / Low Dissolved Oxygen	From confluence of Unnamed Trib to the confluence of Eastes Creek	TMDL Complete 03/25/2009
North Independent Streams	Tuscumbia River Canal	301211	Alcorn, Prentiss	Aquatic Life Use Support	рН	From Confluence with Eastes Creek to Confluence with Tarebreeches Creek	TMDL Complete 04/01/2020
North Independent Streams	Tuscumbia River Canal	301211	Alcorn, Prentiss	Aquatic Life Use Support	Sediment	From Confluence with Eastes Creek to Confluence with Tarebreeches Creek	TMDL Complete 11/01/2005

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location	Listing Change
North Independent Streams	Tuscumbia River Canal	301211	Alcorn, Prentiss	Aquatic Life Use Support	Organic Enrichment / Low Dissolved Oxygen	From Confluence with Eastes Creek to Confluence with Tarebreeches Creek	TMDL Complete 03/25/2009
Pascagoula River	Beaver Dam Creek	419511	Forest, Perry	Recreation	Pathogens	Near Maxie from confluence with Bowens Buy Creek at MWS boundary 4194 to MWS boundary 4196	TMDL Complete 12/15/1999
Pascagoula River	Black Creek	421511	Perry, Stone, George	Recreation	Pathogens	From MWS boundary 4211 to MWS boundary 4216	TMDL Complete 06/01/2012
Pascagoula River	Escatawpa River	422911	George	Aquatic Life Use Support	На	Near Agricola from MS/AL State Line to Confluence with Red Creek	TMDL Complete 07/02/2001
Pascagoula River	Leaf River	416211	Forrest, Perry	Aquatic Life Use Support	Organic Enrichment / Low Dissolved Oxygen	From Confluence with Priests Creek To 4163 MWS Boundary	TMDL Complete 06/01/2005
Pascagoula River	Oakahay Creek	409012	Smith	Aquatic Life Use Support	Organic Enrichment / Low Dissolved Oxygen	From Confluence with Little Oakahay Creek at MWS 4089 Boundary to Confluence with Clear Creek	TMDL Complete 06/01/2005
Pascagoula River	Oakahay Creek	409012	Smith	Aquatic Life Use Support	Sediment	From Confluence with Little Oakahay Creek at MWS 4089 Boundary to Confluence with Clear Creek	TMDL Complete 05/18/2005
Pascagoula River	Oakahay Creek	409012	Smith	Aquatic Life Use Support	Total Nitrogen	From Confluence with Little Oakahay Creek at MWS 4089 Boundary to Confluence with Clear Creek	TMDL Complete 06/30/2005
Pascagoula River	Oakahay Creek	409012	Smith	Aquatic Life Use Support	Total Phosphorous	From Confluence with Little Oakahay Creek at MWS 4089 Boundary to Confluence with Clear Creek	TMDL Complete 06/30/2005
Pascagoula River	Pascagoula River	418111	Jackson	Recreation	Pathogens	From MWS boundary 4176 to MWS boundary 4182	TMDL Complete 12/15/1999
Pascagoula River	Red Creek	420911	George, Jackson	Recreation	Pathogens	From Confluence with Flurry Mill Pond Branch to Mouth at Black Creek	TMDL Complete 12/01/1999
Pascagoula River	West Little Thompson Creek	415112	Wayne	Aquatic Life Use Support	Sediment	Near Good Hope from headwaters to mouth at Thompson Creek	TMDL Complete 05/18/2005
Pearl River	Bahala Creek	513811	Copiah	Aquatic Life Use Support	Sediment	From Headwaters to Confluence with Russell Creek	TMDL Complete 03/25/2009

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location	Listing Change
				Aquatic		Near Johnstons Station	TMDL
				Life Use		from headwaters to	Complete
Pearl River	Clabber Creek	521412	Pike	Support	Sediment	Bogue Chitto River	03/25/2009
				Aquatic		From headwaters to	TMDL
				Life Use		mouth at Bogue Chitto	Complete
Pearl River	Clear Creek	521512	Pike	Support	Pathogens	River	05/14/2010
				Aquatic		From Confluence of	TMDL
			Neshoba,	Life Use		Kentawka Canal to The	Complete
Pearl River	Pearl River	502011	Leake	Support	pН	MWS 5028 Boundary	12/01/2000
				A4:-		From Confluence with	TMDI
			Hinds,	Aquatic Life Use		Caney Creek to Confluence with Trahon	TMDL Complete
Pearl River	Pearl River	509511	Rankin	Support	pH	Creek	12/01/2000
				11	1	E MWG1 1	T) (D)
			Copiah,			From MWS boundary 5106 To Confluence with	TMDL Complete
Pearl River	Pearl River	510711	Simpson	Recreation	Pathogens	Weeks Mill Creek	01/01/2012
			1		5	From Confluence with	
						Big Creek to MWS	TMDL
D 1D'	D ID:	510011	D 1D:	D	D. d	boundary 5184 Below	Complete
Pearl River	Pearl River	518211	Pearl River	Recreation	Pathogens	Highway 26	01/01/2012
				Aquatic		Near D'Lo From MWS	TMDL
			Rankin,	Life Use		5115 Boundary to MWS	Complete
Pearl River	Strong River	511911	Simpson	Support	pН	5124 Boundary From 5124 MWS	05/01/2014
				Aquatic		Boundary to Mouth at	TMDL
			Copiah,	Life Use		Pearl River	Complete
Pearl River	Strong River	512911	Simpson	Support	pН		05/01/2014
						From Confluence with	TMDI
South						Brushy Creek to Confluence with Turkey	TMDL Complete
Independent	Bayou Pierre	601111	Copiah	Recreation	Pathogens	Creek	12/01/1999
1			1			From Confluence with	
				Aquatic		White Oak Creek to	TMDL
South	D Di	(02711	Copiah,	Life Use		Confluence with Storm Creek	Complete
Independent	Bayou Pierre	602711	Claiborne	Support	pН		06/01/2015
				Aquatic		From Confluence with	TMDL
South	D D'	(02012	CI I	Life Use	11	Storm Creek to Bayou	Complete
Independent	Bayou Pierre	602812	Claiborne	Support	pН	Pierre at MWS 6029 From Confluence with	06/01/2015
						Little Bayou Pierre to	TMDL
South						Confluence with Widows	Complete
Independent	Bayou Pierre	604111	Claiborne	Recreation	Pathogens	Creek	12/01/2010
				Aquatic			TMDL
South				Life Use		From Headwaters to	Complete
Independent	Buffalo River	609511	Wilkinson	Support	Sediment	MWS Boundary 6096	03/25/2009
				Aquatic		From MWS Boundary	TMDL
South				Life Use		6098 To MWS Boundary	Complete
Independent	Buffalo River	610111	Wilkinson	Support	Sediment	6104	03/25/2009
				Aquatic		Near Darrington from	TMDL
South				Life Use		headwaters to mouth at	Complete
Independent	Crooked Creek	609011	Wilkinson	Support	Sediment	Homochitto River	03/25/2009

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location	Listing Change
South Independent	East Fork of Amite River	612111	Franklin, Amite	Recreation	Pathogens	From MWS Boundary 6120 To Louisiana State Line	TMDL Complete 12/01/2003
South Independent	James Creek	604311	Claiborne	Aquatic Life Use Support	Sediment	From headwaters to MWS boundary 6042	TMDL Complete 03/25/2009
South Independent	Little Bayou Pierre	603211	Copiah, Jefferson, Claiborne	Aquatic Life Use Support	Sediment	Near Port Gibson from headwaters to mouth at Bayou Pierre	TMDL Complete 03/25/2009
South Independent	Mccall Creek	606411	Lincoln, Franklin	Aquatic Life Use Support	Sediment	From Confluence of Blue Creek to Confluence of Hurricane Creek	TMDL Complete 03/25/2009
South Independent	Mccall Creek	606611	Lincoln, Franklin	Aquatic Life Use Support	Sediment	From Confluence of Hurricane Creek to Mouth at Homochitto River	TMDL Complete 03/25/2009
South Independent	Pretty Creek	608311	Adams	Aquatic Life Use Support	Sediment	Near Ireland from headwaters to mouth at Homochitto River	TMDL Complete 03/25/2009
South Independent	Richardson Creek	607911	Franklin	Aquatic Life Use Support	Sediment	Near Bunkley from headwaters to mouth at Homochitto River	TMDL Complete 03/25/2009
South Independent	Second Creek	609111/ 609211	Adams	Aquatic Life Use Support	Sediment	Near Doloroso from headwaters to Homochitto River	TMDL Complete 03/25/2009
South Independent	Shaws/ Mccall Creek	606311	Lincoln	Aquatic Life Use Support	Sediment	From Headwaters To 6064 MWS Boundary	TMDL Complete 03/25/2009
Tennessee River	Bear Creek	701111	Tishomingo	Aquatic Life Use Support	Sediment	Near Burnstown from Unnamed Tributary North of County Road 86 To Alabama	TMDL Complete 11/01/2005
Tombigbee River	Big Brown Creek	800411	Prentiss, Itawamba	Aquatic Life Use Support	Sediment	From Headwaters to State Highway 30	TMDL Complete 01/01/2007
Yazoo River	Abiaca Creek	919711/ 919811/ 920011	Carroll	Aquatic Life Use Support	Sediment	At Seven Pines from confluence with Coila Creek to MWS boundary 9201	TMDL Complete 04/15/2008
Yazoo River	Bee Lake	941711	Holmes	Aquatic Life Use Support	Sediment	Entire lake in Holmes County	TMDL Complete 06/30/2003
Yazoo River	Bee Lake	941711	Holmes	Aquatic Life Use Support	Organic Enrichment/ Low Dissolved Oxygen	Entire lake in Holmes County	TMDL Complete 06/30/2003
Yazoo River	Bee Lake	941711	Holmes	Aquatic Life Use Support	Nutrients	Entire lake in Holmes County	TMDL Complete 06/30/2003

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location	Listing Change
Yazoo River	Big Sunflower River	938712	Sunflower	Aquatic Life Use Support	Organic Enrichment/ Low Dissolved Oxygen	From Confluence of Jones Bayou at Mws9388 to Confluence of Porter Bayou at MWS 9405	TMDL Complete 06/30/2003
Yazoo River	Big Sunflower River	938712	Sunflower	Aquatic Life Use Support	Nutrients	From Confluence of Jones Bayou at Mws9388 to Confluence of Porter Bayou at MWS 9405	TMDL Complete 06/30/2003
Yazoo River	Big Sunflower River	938712	Sunflower	Aquatic Life Use Support	Sediment	From Confluence of Jones Bayou at Mws9388 to Confluence of Porter Bayou at MWS 9405	TMDL Complete 06/30/2003
Yazoo River	Burney Branch	907313	Lafayette	Aquatic Life Use Support	Sediment	From Headwaters to Mouth at Yocona River	TMDL Complete 10/01/2020
Yazoo River	Clear Creek	904611	Lafayette	Aquatic Life Use Support	Sediment	From Headwaters to Confluence of Hudson Creek	Alternative Action Plan Approved 02/24/2022
Yazoo River	Dump Lake	923011	Yazoo	Aquatic Life Use Support	Organic Enrichment/ Low Dissolved Oxygen	Near Satartia off Dump Lake Road near boat ramp	TMDL Complete 06/30/2003
Yazoo River	Dump Lake	923011	Yazoo	Aquatic Life Use Support	Nutrients	Near Satartia off Dump Lake Road near boat ramp	TMDL Complete 06/30/2003
Yazoo River	Dump Lake	923011	Yazoo	Aquatic Life Use Support	Sediment	Near Satartia off Dump Lake Road near boat ramp	TMDL Complete 06/30/2003
Yazoo River	Hudson Creek	904612	Lafayette	Aquatic Life Use Support	Sediment	From Headwaters to Confluence of Hudson Creek	Alternative Action Plan Approved 02/24/2022
Yazoo River	Lake George	947611	Yazoo	Aquatic Life Use Support	Nutrients	Lake George	TMDL Complete 06/01/2003
Yazoo River	Lake George	947611	Yazoo	Aquatic Life Use Support	Sediment	Lake George	TMDL Complete 04/01/2003
Yazoo River	Lake Washington	944611	Washington	Aquatic Life Use Support	Sediment	Entire Lake Washington	TMDL Complete 06/30/2003
Yazoo River	Lake Washington	944211	Washington	Aquatic Life Use Support	Sediment	Entire Lake Washington	TMDL Complete 06/30/2003
Yazoo River	Lake Whittington	990611	Bolivar	Aquatic Life Use Support	Organic Enrichment/ Low Dissolved Oxygen	Entire Lake	TMDL Complete 06/11/2008

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location	Listing Change
				Aquatic			TMDL
Yazoo River	Lake Whittington	990611	Bolivar	Life Use Support	Nutrients	Entire Lake	Complete 06/11/2008
				Aquatic Life Use		Moon Lake in Coahoma	TMDL Complete
Yazoo River	Moon Lake	931711	Coahoma	Support	Sediment	County	06/30/2003
Yazoo River	Mossy Lake	942211	Leflore	Aquatic Life Use Support	Nutrients	Entire lake near Swiftown	TMDL Complete 06/30/2003
Yazoo River	Mossy Lake	942211	Leflore	Aquatic Life Use Support	Organic Enrichment/ Low Dissolved Oxygen	Entire lake near Swiftown	TMDL Complete 06/30/2003
Yazoo River	Mossy Lake	942211	Leflore	Aquatic Life Use Support	Sediment	Entire lake near Swiftown	TMDL Complete 04/17/2008
Yazoo River	North Fork Tillatoba Creek	906611	Yalobusha, Tallahatchie	Aquatic Life Use Support	Sediment	From headwaters to mouth at Tillatoba Creek	TMDL Complete 04/17/2008
Yazoo River	North Tippah Creek	902515	Tippah	Aquatic Life Use Support	Sediment	Near Ripley from headwaters confluence with Medlock Branch	Alternative Action Plan Approved 02/24/2022
Yazoo River	North Tippah Creek	902512	Tippah	Aquatic Life Use Support	Sediment	Near Ripley from confluence with Medlock Branch to mouth at Tippah River	Alternative Action Plan Approved 02/24/2022
Yazoo River	Roebuck Lake	938212	Leflore	Aquatic Life Use Support	Organic Enrichment/ Low Dissolved Oxygen	Entire lake near Itta Bena	TMDL Complete 04/17/2008
				Aquatic Life Use	Total		TMDL Complete
Yazoo River Yazoo River	Roebuck Lake Roebuck Lake	938212	Leflore Leflore	Support Aquatic Life Use Support	Nitrogen Total Phosphorus	Entire lake near Itta Bena Entire lake near Itta Bena	06/11/2008 TMDL Complete 06/11/2008
Yazoo River	Roebuck Lake	938212	Leflore	Aquatic Life Use Support	Sediment	Entire lake near Itta Bena	TMDL Complete 04/17/2008
Yazoo River	Short Creek	922711	Yazoo	Aquatic Life Use Support	Sediment	From Headwaters to Mouth at the Yazoo River	TMDL Complete 04/17/2008
Yazoo River	Six Mile Lake	937711	Leflore, Sunflower	Aquatic Life Use Support	Nutrients	Near Money at CR 541 Bridge	TMDL Complete 06/30/2003
Yazoo River	Six Mile Lake	937711	Leflore, Sunflower	Aquatic Life Use Support	Sediment	Near Money at CR 541 Bridge	TMDL Complete 04/17/2008

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Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location	Listing Change
V Di	V D'	00(711	Pontotoc,	Aquatic Life Use	C-1:	From Headwaters to Confluence with Coon	TMDL Complete
Yazoo River	Yocona River Yocona River	906711	Lafayette Lafayette	Aquatic Life Use Support	Sediment Sediment	Creek From Confluence with Coon Creek to Confluence with Mcglawin Creek	TMDL Complete 10/01/2020
Yazoo River	Yocona River	906911	Lafayette	Aquatic Life Use Support	Sediment	From MWS Boundary 9068 To MWS Boundary 9070	TMDL Complete 10/01/2020
Yazoo River	Yocona River	907011	Lafayette	Aquatic Life Use Support	Sediment	From MWS Boundary 9069 To MWS Boundary 9071	TMDL Complete 10/01/2020
Yazoo River	Yocona River	907111	Lafayette	Aquatic Life Use Support	Sediment	From MWS Boundary 9070 To 11 Digit Watershed Boundary 280	TMDL Complete 10/01/2020

RULE 9.7 TMDLs SCHEDULED FOR THE NEXT TWO YEARS

MDEQ has developed a new collaborative framework for implementing the Clean Water Act in compliance with a new national initiative by EPA. The Priority Framework Process is designed to help coordinate efforts to advance the effectiveness of the water program. In order to select priority watersheds MDEQ used landscape information to characterize and rank watersheds by resource value and potential stressors. This new framework does not change regulation, policy or issue new mandates. It is intended to provide focus for MDEQ's water programs so as to better manage the activities and promote collaboration to achieve water quality goals. More information on the Priority Framework Process can be found here:

http://www.mdeq.ms.gov/water/surface-water/priority-framework/

Table 8 below lists the TMDLs MDEQ has planned for development in 2024 and 2025 based on resource availability. These TMDLs are also dependent on completion of stressor identifications for the biological listings included.

Table 8. TMDLs Scheduled for 2024 and 2025

Water Body Name	Water Body ID	County	Pollutant(s)	
Owl Creek	301412	Tippah	Sediment	
Dry Creek	804214	Clay, Monroe	Sediment	
Town Creek	804111	Monroe, Clay	Sediment	
Town Creek	804211	Clay	Sediment	
Cherry Creek	901212	Pontotoc	Biological Impairment	
Lyon Creek	901111	Pontotoc	Biological Impairment	
Okanattie Creek	900911	Union	Biological Impairment	
Unnamed Tributary to Little	001712	Union	Biological Impairment	
	Owl Creek Dry Creek Town Creek Cherry Creek Lyon Creek Okanattie Creek Unnamed Tributary	Owl Creek 301412 Dry Creek 804214 Town Creek 804211 Town Creek 901212 Lyon Creek 901111 Okanattie Creek 900911 Unnamed Tributary to Little	Water Body Name Body ID County Owl Creek 301412 Tippah Dry Creek 804214 Clay, Monroe Town Creek 804111 Monroe, Clay Town Creek 804211 Clay Cherry Creek 901212 Pontotoc Lyon Creek 901111 Pontotoc Okanattie Creek 900911 Union Unnamed Tributary to Little Little	

Source: Miss. Code Ann. §§ 49-2-1, et seq. and 49-17-1, et seq.

RULE 9.8 PUBLIC PARTICIPATION AND APPROVAL PROCESS

MDEQ notified the public of the availability of this document by publishing a Public Notice in a statewide newspaper. Additionally, MDEQ sent notices of availability to those addressees on the TMDL notification list.

The public was invited to comment on the content of this document. The Public Notice period was February 12th, 2024 to March 18th, 2024. Comments were accepted by mail, electronic submission, and at the Public Hearing held at the end of the public comment period March 18th at 2:00 p.m.. The final document will be submitted to the Mississippi Commission on Environmental Quality for adoption in April. Once adopted by the Commission, the 2024 §303(d) List will be submitted to EPA Region 4 for final approval, and then the Mississippi 2024 §303(d) List of Impaired Water Bodies will be filed with the Mississippi Secretary of State in compliance with state law.

Source: Miss. Code Ann. §§ 49-2-1, et seq. and 49-17-1, et seq.

RULE 9.9 IMPAIRED WATERS LISTING

Table 9 Impaired Waters

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
				Aquatic Life	Biological	Near Kosciusko from headwaters to mouth at
Big Black River	Atwood Creek	103012	Attala	Use Support	Impairment	Apookta Creek
				Aquatic Life	Biological	
Big Black River	Bear Creek	107711	Warren	Use Support	Impairment	From headwaters to mouth at Big Black River
						Near Franklin from headwaters to confluence with
	Big Cypress			Aquatic Life	Biological	Unnamed Intermittent Tributary downstream of
Big Black River	Creek	104812	Holmes	Use Support	Impairment	Highway 17 bridge
				Aquatic Life	Biological	
Big Black River	Crooked Creek	103913	Attala	Use Support	Impairment	From headwaters to mouth at Seneasha Creek
				Aquatic Life	Biological	
Big Black River	Fivemile Creek	108211	Hinds, Warren	Use Support	Impairment	From headwaters to mouth at Big Black River
				Aquatic Life	Biological	
Big Black River	Fleetwood Creek	109113	Hinds	Use Support	Impairment	From headwaters to confluence with Bakers Creek
				Aquatic Life	Biological	
Big Black River	Hamer Bayou	109312	Warren	Use Support	Impairment	From headwaters to mouth at Big Black River
					•	
				Aquatic Life	Biological	
Big Black River	Hobuck Creek	105511	Madison	Use Support	Impairment	From headwaters to confluence with Doaks Creek
						The state of the s
				Aquatic Life	Biological	
Big Black River	Kyle Creek	102811	Holmes	Use Support	Impairment	From headwaters to mouth at Big Black River

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Big Black River	Little Bear Creek	105712	Madison	Aquatic Life Use Support	Biological Impairment	Near Madison from headwaters to mouth at Bear Creek
Big Black River	Little Bear Creek	107712	Warren	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Bear Creek
Big Black River	Little Black Creek	100511	Webster	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Big Black River
Big Black River	Markham Creek	108011	Warren	Aquatic Life Use Support	Biological Impairmen	From headwaters to mouth at Big Black River
Big Black River	Parker Creek	103914	Attala, Madison	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Seneasha Creek
Big Black River	Pepper/ Rucker Creek	104511	Yazoo	Aquatic Life Use Support	Biological Impairment	Near Canton from headwaters to mouth at Beaver Run
Big Black River	Persimmon Creek	106311	Madison	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Big Black River
Big Black River	Porter Creek	107611	Hinds	Aquatic Life Use Support	Biological Impairment	Near Lynchburg from headwaters to mouth at Big Black River
Big Black River	Sand Creek	101112	Webster	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Calabrell Creek
Big Black River	Silver Creek	108012	Warren	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Big Black River
Big Black River	Spring Creek	100211	Webster	Aquatic Life Use Support	Biological Impairment	At Sara from headwaters to MWS 1001 boundary

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
				Aquatic Life	Biological	Near Galloway from headwaters to mouth at Big
Big Black River	Willis Creek	109511	Warren	Use Support	Impairment	Black River
			Montgomery,	Aquatic Life	Biological	Near Shelbyton from headwaters to confluence with
Big Black River	Wolf Creek	101312	Webster	Use Support	Impairment	Patts Branch
					Organic Enrichment /	
	D 0				Low	
Coastal Streams	Bayou Casotte West Prong	200312	Jackson	Aquatic Life Use Support	Dissolved Oxygen	From Louise Street to the confluence of West Prong and East Prong
Coastai Streams	West I folig	200312	Jackson	Osc Support	Oxygen	and East Frong
				Aquatic Life	Biological	From headwaters to confluence of Unnamed
Coastal Streams	Bayou La Terre	204112	Hancock	Use Support	Impairment	Tributary
G 1 G	D 1 D	202112	11	Aquatic Life	Biological	E 1 local de CELAD 1
Coastal Streams	Bernard Bayou	202112	Harrison	Use Support	Impairment	From headwaters to confluence of Flat Branch
				Aquatic Life	Biological	
Coastal Streams	Costapia Bayou	201611	Harrison	Use Support	Impairment	From headwaters to mouth at Tchoutacabouffa River
				Aquatic Life	Biological	Near Kiln from headwaters to confluence with
Coastal Streams	Dead Tiger Creek	203711	Hancock	Use Support	Impairment	Catahoula Creek
Coastal Streams	Flat Branch	202111	Harrison	Aquatic Life Use Support	Biological Impairment	Near Gulfport from headwaters to mouth at Bernard Bayou
Coastai Sireallis	Tat Dialicii	202111	1141118011	Ose Support	ппрантнен	Dayou
			Hancock,	Aquatic Life	Biological	
Coastal Streams	Hickory Creek	203411	Pearl River	Use Support	Impairment	From headwaters to MWS 2035 boundary
				Aquatic Life	Biological	
Coastal Streams	Palmer Creek	200915	Harrison	Use Support	Impairment	From headwaters to mouth at Biloxi River

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Coastal Streams	Railroad Creek	201411	Jackson, Harrison	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Ramsey Creek
Coastal Streams	Tiger Creek	200912	Harrison	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Biloxi River
Coastal Streams	Unnamed Tributary to Bayou Lasalle	204013	Harrison, Hancock	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Bayou Lasalle
Coastal Streams	Unnamed Tributary to Rotten Bayou	204012	Harrison, Hancock	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Rotten Bayou
North Independent Streams	Bearman Creek	302412	Tippah	Aquatic Life Use Support	Biological Impairment	From headwaters to N35°
North Independent Streams	Bell Creek	302012	Tippah	Aquatic Life Use Support	Biological Impairment	Bell Creek from headwaters to mouth at West Prong Muddy Creek
North Independent Streams	Bynum Creek	300413	Alcorn	Aquatic Life Use Support	Biological Impairment	Near Rienzi From Headwaters To Mouth At Hinkle Creek
North Independent Streams	Coon Creek	301312	Alcorn	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth of Tuscumbia River Canal
North Independent Streams	Eastes Creek	301112	Alcorn	Aquatic Life Use Support	Biological Impairment	Near Kossuth from the confluence with Underwood Creek to the mouth at Tuscumbia River Canal
North Independent Streams	Fourth Creek	301913	Tippah, Alcorn	Aquatic Life Use Support	Biological Impairment	Near Walnut from headwaters to mouth at Hatchie River
North Independent Streams	Grays Creek	303511	Benton	Aquatic Life Use Support	Biological Impairment	From headwaters to TN state line

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
North Independent Streams	Hinkle Creek	300412	Alcorn	Aquatic Life Use Support	Biological Impairment	Near Rienzi from headwaters to mouth at Tuscumbia River Canal
North Independent Streams	Little Cane Creek	301213	Alcorn	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Tuscumbia River Canal
North Independent Streams	Mcelroy Creek	301113	Alcorn	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Tuscumbia River Canal
North Independent Streams	Owl Creek	301412	Tippah	Aquatic Life Use Support	Sediment	From headwaters to mouth at Little Hatchie River
North Independent Streams	Tarebreeches Creek	301212	Alcorn	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Tuscumbia River Canal
North Independent Streams	Turkey Creek	302112	Tippah	Aquatic Life Use Support	Biological Impairment	Near Falkner from headwaters to mouth at Muddy Creek
North Independent Streams	UNT North Prong Muddy Creek	302013	Tippah	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Muddy Creek
North Independent Streams	West Prong Muddy Creek	302011	Tippah	Aquatic Life Use Support	Biological Impairment	At Falkner from headwaters to mouth at Muddy Creek
Pascagoula River	Anderson Branch	401711	Newton	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Okahatta Creek
Pascagoula River	Archusa Creek	405111	Clarke	Aquatic Life Use Support	Biological Impairment	From headwaters at Unnamed Impoundment to MWS 4052 boundary.
Pascagoula River	Beaver Creek	421212	Perry	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Hickory Creek

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Pascagoula River	Beaver Lake	418913	Lamar	Aquatic Life Use Support	рН	Near Purvis
Taver	Bouver Euro	110713	Dumai	Све вирроге	pii	11001 1 01115
Pascagoula				Aquatic Life	Biological	
River	Big Creek	409911	Jones	Use Support	Impairment	From MWS 4098 boundary to mouth at Leaf River
Pascagoula River	Black Creek	418412	Jefferson Davis, Marion, Lamar	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Monroe Creek
Pascagoula River	Cedar Creek	408611	Newton, Jasper	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Quarterliah Creek
Pascagoula River	Chunky Creek	401511	Newton	Aquatic Life Use Support	Biological Impairment	From headwaters near Union to MWS boundary 4018
Pascagoula River	Chunky River	402611	Lauderdale, Clarke	Aquatic Life Use Support	Biological Impairment	From confluence with Possum Creek to mouth at Chickasawhay River
Pascagoula River	Chunky River	402611	Lauderdale, Clarke	Recreation	Pathogens	From confluence with Possum Creek to mouth at Chickasawhay River
Pascagoula River	Chunky River	402312	Newton, Lauderdale	Aquatic Life Use Support	Biological Impairment	From confluence with Chunky Creek and Potterchitto Creek to the MWS 4026 boundary
Pascagoula River	Clear Creek	409013	Smith	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Oakohay Creek
Pascagoula River	Crawford Creek	406612	Wayne	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Big Creek
Pascagoula River	Dry Creek	406613	Wayne	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Big Creek

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Pascagoula River	Dry Creek	403811	Clark, Wayne	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Buckatunna Creek
Pascagoula River	Fallen Creek	424012	Clarke	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Chickasawhay River
Pascagoula River	Five Mile Creek	424211	Clarke	Aquatic Life Use Support	Biological Impairment	Near Carmichael from headwaters to mouth at Buckatunna Creek
Pascagoula River	Flint Creek	420211	Stone	Aquatic Life Use Support	Biological Impairment	From outfall of Flint Creek Reservoir to mouth at Red Creek
Pascagoula River	Gordon Creek	405011	Clarke	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Souenlovie Creek
Pascagoula River	Horse Branch	413612	Jasper	Aquatic Life Use Support	Biological Impairment	Near Heidelberg from headwaters to mouth at Tallahattah Creek
Pascagoula River	Little Oakahay Creek	408912	Smith	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Oakohay Creek
Pascagoula River	Long Branch	403512	Clarke	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Tallabogue Creek
Pascagoula River	Long Creek	403011	Lauderdale, Clarke	Aquatic Life Use Support	Biological Impairment	From confluence with Gays Branch to Mws 4031 boundary
Pascagoula River	Martin Creek	407813	Greene	Aquatic Life Use Support	Biological Impairment	From headwaters to Leaksville POTW outfall
Pascagoula River	Martin Creek	407812	Greene	Aquatic Life Use Support	Biological Impairment	From Leaksville POTW outfall downstream to mouth at Chakasawhay River

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Pascagoula River	Mill Creek	418612	Lamar	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Black Creek
Pascagoula River	Okatibbee Creek	401111	Lauderdale	Aquatic Life Use Support	Biological Impairment	From MWS 4010 boundary to mouth at Chickasawhay River
Pascagoula River	Okatibbee Creek	401011	Lauderdale	Aquatic Life Use Support	Biological Impairment	Near Savoy from confluence with Sowashee Creek to MWS 4011 boundary
Pascagoula River	Penantly Creek	404712	Jasper	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Souenlovie Creek
Pascagoula River	Penders Creek	400412	Kemper	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth of Chickasawhay Creek
Pascagoula River	Prairie Creek	413911	Jasper	Aquatic Life Use Support	Biological Impairment	Near Heildelberg from headwaters to mouth at Bogue Homo
Pascagoula River	Priests Creek	416112	Forrest	Aquatic Life Use Support	Biological Impairment	From Temple Rd to mouth at Leaf River
Pascagoula River	Reese Creek	416212	Forrest	Aquatic Life Use Support	Biological Impairment	From Temple Rd to mouth at Leaf River
Pascagoula River	Rocky Creek	403311	Clarke	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Buckatunna Creek
Pascagoula River	Rocky Creek	426211	George	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Escatawpa River
Pascagoula River	Sandy Run	418613	Lamar	Recreation	Pathogens	From headwaters to mouth at Black Creek

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Pascagoula River	Sowashee Creek	400911	Lauderdale	Aquatic Life Use Support	Nutrient Pollution	From confluence with Unnamed Tributary at MWS 4237 boundary to confluence with Okatibbee Creek
Pascagoula River	Tiger Creek	414512	Jones	Aquatic Life Use Support	Biological Impairment	From confluence with East Tiger Creek to mouth at Bogue Homo
Pascagoula River	Twistwood Creek	423811	Jasper, Clarke	Aquatic Life Use Support	Biological Impairment	From confluence of North and South Twistwood Creek to mouth at Souinlovie Creek
Pascagoula River	Unnamed Tributary to Oakohay Creek	409014	Smith	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Oakohay Creek
Pascagoula River	West Bouie Creek	411212	Jefferson Davis	Aquatic Life Use Support	Biological Impairment	Near Bassfield from headwaters to confluence with Bouie River
Pearl River	Ashlog Creek	508313	Rankin	Aquatic Life Use Support	Biological Impairment	Near Pelahatchie from headwaters to mouth at Pelahatchie Creek
Pearl River	Bahala Creek	513911	Copiah	Aquatic Life Use Support	Biological Impairment	From confluence with Russell Creek to confluence with Little Bahala Creek
Pearl River	Big Creek	513211	Simpson	Aquatic Life Use Support	Biological Impairment	Near Harrisville from MWS 5131 boundary at Heed Neely Road bridge to mouth at strong River
Pearl River	Big Creek	521211	Lincoln	Aquatic Life Use Support	Biological Impairment	From Confluence of Sassers Mill Creek to Mouth of Bogue Chitto
Pearl River	Bogue Chitto River	521111	Lincoln	Aquatic Life Use Support	Biological Impairment	From confluence with Boone Creek to confluence of Myers Creek
Pearl River	Bogue Chitto River	521112	Lincoln	Aquatic Life Use Support	Biological Impairment	From MWS Boundary 5210/5209 to confluence of Boone Creek

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Pearl River	Bogue Chitto River	521311	Lincoln	Aquatic Life Use Support	Biological Impairment	From confluence with Myers Creek to Johnson's Station
Pearl River	Boone Creek	521113	Lincoln	Aquatic Life Use Support	Biological Impairment	Near Brookhaven from headwaters to mouth at Bogue Chitto
Pearl River	Clear Creek	508611	Rankin	Aquatic Life Use Support	Biological Impairment	Near Pelahatchie from headwaters to mouth at Pelahatchie Creek
Pearl River	Cobbs Creek	504111	Leake	Aquatic Life Use Support	Biological Impairment	Near Carthage from headwaters to mouth at Lobutcha Creek
Pearl River	Cole Creek	506111	Attala	Aquatic Life Use Support	Biological Impairment	Near French Camp from headwaters to MWS 5059 boundary
Pearl River	Coon Creek	503713	Leake	Aquatic Life Use Support	Biological Impairment	Near Renfroe from headwaters to mouth at Lobutcha Creek
Pearl River	Holiday Creek	516311	Jefferson Davis, Marion	Aquatic Life Use Support	Biological Impairment	From confluence with Unnamed Tributary at MWS 5162 boundary to mouth at Pearl River
Pearl River	Hollybush Creek	508612	Rankin	Aquatic Life Use Support	Biological Impairment	Near Pelahatchie from headwaters to mouth at Clear Creek
Pearl River	Hontokalo Creek	504711	Scott	Aquatic Life Use Support	Biological Impairment	Near Steel from headwaters to mouth at Little Canal
Pearl River	Land Creek	500911	Kemper	Aquatic Life Use Support	Biological Impairment	Near Bogue Chitto from headwaters to mouth at Bogue Chitto River
Pearl River	Line Creek	508312	Scott, Rankin	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Pelahatchie Creek

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Pearl River	Owl Creek	501111	Kemper, Neshoba	Aquatic Life Use Support	Biological Impairment	Near Preston from headwaters to the Bogue Chitto River
Pearl River	Pellaphalia Creek	507212	Leake, Madison	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Pearl River
Pearl River	Pickens Creek	504112	Leake	Aquatic Life Use Support	Biological Impairment	Near Redwater from headwaters to mouth at Cobbs Creek
Pearl River	Price Creek	519512	Pearl River	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with W. Hobolochitto
Pearl River	Purvis Creek	511711	Rankin, Smith	Aquatic Life Use Support	Biological Impairment	Near Polkville from headwaters to mouth at Strong River
Pearl River	Rials Creek	512712	Simpson	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence of Simmons Branch
Pearl River	Shiola Creek	507111	Leake	Aquatic Life Use Support	Biological Impairment	At St Ann from headwaters to MWS 5070 boundary at St Ann Road
Pearl River	Silver Creek	521812	Pike, Walthall	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth of Bogue Chitto
Pearl River	Steel Creek	513511	Copiah	Aquatic Life Use Support	Biological Impairment	Near Rockport from headwaters to mouth at the Pearl River
Pearl River	Strong River	511511	Smith, Rankin	Aquatic Life Use Support	Biological Impairment	From MWS Boundary 5113 to confluence of Purvis Creek
Pearl River	Sugar Bogue	507612	Scott	Aquatic Life Use Support	Biological Impairment	Near Forkville from headwaters to mouth at Coffee Bogue

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Pearl River	Town Creek	503211	Leake	Aquatic Life Use Support	Biological Impairment	At Carthage from headwaters to the Pearl River
Pearl River	Turtle Skin Creek	520511	Hancock	Aquatic Life Use Support	Biological Impairment	Near Santa Rosa from headwaters to confluence with Mikes River
Pearl River	Unnamed Tributary To Clear Creek	521513	Pike	Aquatic Life Use Support	Biological Impairment	Near Summit from headwaters to mouth at Clear Creek
Pearl River	Unnamed Tributary To Tallahaga Creek	500712	Winston	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Tallahaga Creek
Pearl River	Unnamed Tributary to Pearl River	514713	Lawrence	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth of Pearl River
Pearl River	Upper Little Creek	517011	Lamar, Marion	Aquatic Life Use Support	Biological Impairment	From confluence with Graves Creek to mouth at Pearl River
Pearl River	West Fork Pushepatapa Creek	522711	Walthall	Aquatic Life Use Support	Biological Impairment	From headwaters to Louisiana State Line
Pearl River	White Sand Creek	516111	Jefferson Davis	Aquatic Life Use Support	Biological Impairment	From confluence with Little White Sand Creek (Jaybird Creek) to mouth at Pearl River
South Independent	Bala Chitto Creek	614111	Pike	Aquatic Life Use Support	Biological Impairment	From MWS 6140 boundary to state line
South Independent	Bear Creek	610514	Wilkinson	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Buffalo River
South Independent	Beaver Creek	608312	Wilkinson	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Homochitto River

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
South Independent	Bolls Creek	604611	Jefferson	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with North Fork Coles Creek
South Independent	Browns Creek	609612	Wilkinson	Aquatic Life Use Support	Biological Impairment	Near Woodville from headwaters to mouth at Buffalo River
South Independent	Days Creek	612312	Amite	Aquatic Life Use Support	Biological Impairment	Near Busy Corner from headwaters to mouth at West Fork Amite Creek
South Independent	Dry Bayou	608611	Franklin	Aquatic Life Use Support	Biological Impairment	Near White Apple from headwaters to mouth at Caney Branch
South Independent	Dry Creek	608111	Wilkinson	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Homochitto River
South Independent	Dry Creek	608211	Franklin	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Homochitto River
South Independent	Garret Creek	603811	Jefferson	Aquatic Life Use Support	Biological Impairment	Near Union Church from headwaters to mouth at Foster Creek
South Independent	Hatcher Bayou	690411	Warren	Aquatic Life Use Support	Biological Impairment	At Vicksburg from MWS 6902 boundary at Fisher Ferry Road to mouth at Hennesy Bayou
South Independent	Middle Fork Thompson Creek	611511	Wilkinson	Aquatic Life Use Support	Biological Impairment	From headwaters to Louisiana State Line
South Independent	Mud Island Creek	604811	Jefferson	Aquatic Life Use Support	Biological Impairment	From confluence with Fairchilds Creek to confluence with North Fork Coles Creek
South Independent	Muddy Bayou	600212	Claiborne, Jefferson	Aquatic Life Use Support	Biological Impairment	Near Alcorn from impoundment in headwaters to mouth at Dowd Creek

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
South Independent	North Dry Creek	606112	Franklin	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Homochitto River
South Independent	Paces Bayou	690311	Warren	Aquatic Life Use Support	Biological Impairment	From confluence with Redbone Creek to mouth at Hennesy Bayou
South Independent	Pickneyville Creek	611211	Wilkinson	Aquatic Life Use Support	Biological Impairment	Near Pickneyville from headwaters to mouth at Little Bayou Sara
South Independent	Saint Catherines Creek	600611	Adams	Aquatic Life Use Support	Biological Impairment	At Natchez from confluence with Melvin Bayou to mouth at Mississippi River
South Independent	Saint Catherines Creek	600511	Adams	Aquatic Life Use Support	Biological Impairment	At Natchez from headwaters to confluence with Melvin Bayou
South Independent	Stafford Creek	613212	Amite, Wilkinson	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Comite Creek
South Independent	Tickfaw River	613311	Amite	Aquatic Life Use Support	Biological Impairment	From headwaters near Mixon to MWS Boundary 6134
South Independent	West Fork Thompson Creek	611411	Wilkinson	Aquatic Life Use Support	Biological Impairment	From headwaters to LA state line
South Independent	White Oak Creek	602311	Hinds, Copiah	Aquatic Life Use Support	Biological Impairment	From confluence of Tallahalla Creek to mouth at Bayou Pierre
South Independent	Willis Creek	603411	Jefferson, Claiborne	Aquatic Life Use Support	Biological Impairment	At Tillman from headwaters to MWS 6035 boundary near Tillman Road bridge
South Independent	Zeigler Creek	607811	Franklin	Aquatic Life Use Support	Biological Impairment	Near Rosetta from headwaters to confluence with Homochitto River

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Tombigbee River	Alamuchee Creek	818311	Lauderdale	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Little Alamuchee Creek
Tombigbee River	Ash Creek	816012	Noxubee	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Noxubee River
Tombigbee River	Black Creek	810013	Lowndes	Aquatic Life Use Support	Biological Impairment	From headwaters to end near MWS 8207 boundary
Tombigbee River	Boguefala Creek	819211	Lee, Itawamba	Aquatic Life Use Support	Biological Impairment	Near Mooreville from headwaters to confluence with Greenwood Creek
Tombigbee River	Boguegaba Creek	802711	Lee, Itawamba, Monroe	Aquatic Life Use Support	Biological Impairment	At Richmond from headwaters to mouth at Boguefala Creek
Tombigbee River	Browning Creek	812913	Oktibbeha, Noxubee	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Noxubee River
Tombigbee River	Cane Creek	807411	Chickasaw, Clay	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Houlka Creek
Tombigbee River	Casey Creek	800812	Prentiss	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Donivan Creek
Tombigbee River	Chico Creek	820912	Chickasaw	Aquatic Life Use Support	Biological Impairment	Near Houston from headwaters to mouth at Houlka Creek
Tombigbee River	Coonewah Creek	805311	Lee	Aquatic Life Use Support	Biological Impairment	From confluence with Little Coonewah Creek to mouth at Town Creek
Tombigbee River	Dry Creek	804214	Clay, Monroe	Aquatic Life Use Support	Sediment	From headwaters to mouth at Town Creek

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Tombigbee				Aquatic Life	Biological	
River	Dry Creek	812612	Oktibbeha	Use Support	Impairment	From headwaters to mouth at Cypress Creek
Tombigbee River	Gorman's Branch	805613	Lee	Aquatic Life Use Support	Biological Impairment	From Headwaters to confluence of Chiwapa Creek
Tombigbee River	Greens Creek	810312	Lowndes	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth of Tombigbee River
Tombigbee River	Hollis Creek	812211	Oktibbeha	Aquatic Life Use Support	Total Nitrogen, Total Phosphorus	Near Starkville from headwaters to the Noxubee River
Tombigbee River	Howard Creek	810011	Lowndes	Aquatic Life Use Support	Biological Impairment	From Unnamed Trib near Mount Pleasant Church to mouth at Luxapallila Creek
Tombigbee River	Leeper Creek	805112	Lee	Aquatic Life Use Support	Biological Impairment	Near Plantersville from headwaters to mouth at Town Creek
Tombigbee River	Little Wolf Creek	818812	Prentiss	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Wolf Creek
Tombigbee River	Loakfoma Lake	812914	Noxubee	Aquatic Life Use Support	Organic Enrichment / Low Dissolved Oxygen/ pH/ Chlorophyll	Near Oktoc near dam
Tombigbee River	Long Branch	808312	Clay	Aquatic Life Use Support	Biological Impairment	Near Mhoons Valley from headwaters to mouth at Line Creek
Tombigbee River	Long Branch	808512	Oktibbeha	Aquatic Life Use Support	Biological Impairment	Near Starkville from headwaters to Trim Cane Creek

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Tombigbee River	Long Creek	807612	Chickasaw, Clay	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Houlka Creek
Tombigbee River	Mantachie Creek	801611	Lee, Itawamba	Aquatic Life Use Support	Biological Impairment	At Mantachie from headwaters to Hwy 371
Tombigbee River	Mcgee Creek	808913	Clay, Monroe	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Tibbee Creek
Tombigbee River	Mineral Springs Branch	817312	Kemper	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth of Blackwater Creek
Tombigbee River	Minga Branch	806612	Monroe	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Mill Creek
Tombigbee River	Moore Creek	819611	Lowndes	Aquatic Life Use Support	Biological Impairment	At Columbus from headwaters to the Tombigbee River
Tombigbee River	Mubby Creek	820011	Pontotoc	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Chiwapa Creek
Tombigbee River	Oak Slush Creek	819612	Lowndes	Aquatic Life Use Support	Biological Impairment	Near Columbus from headwaters to the Ten-Tom Waterway
Tombigbee River	Okeelala Creek	801011	Prentiss, Lee	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Twentymile Creek
Tombigbee River	Osborne Creek	800912	Prentiss	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Twentymile Creek
Tombigbee River	Puncheon Creek	801613	Lee, Itawamba	Aquatic Life Use Support	Biological Impairment	Near Mantachie from headwaters to mouth at Mantachie Creek

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Tombigbee River	Ray Branch	801912	Itawamba	Aquatic Life Use Support	Biological Impairment	Near County Road 23 from headwaters to mouth at Gum Creek
Tombigbee River	Reeds Branch	805612	Lee	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Chiwapa Creek
Tombigbee River	Sand Creek	801612	Lee, Itawamba	Aquatic Life Use Support	Biological Impairment	Near Mantachie from headwaters to mouth at Mantachie Creek
Tombigbee River	Sand Creek	804811	Lee	Aquatic Life Use Support	Sediment	From headwaters to mouth at Mud Creek
Tombigbee River	Sand Creek	821212	Clay	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Line Creek
Tombigbee River	Shotbag Creek	813012	Lowndes, Noxubee	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Noxubee River
Tombigbee River	Spring Creek	809312	Clay	Aquatic Life Use Support	Sediment	Near Westpoint from headwaters to Ten-Tom Waterway
Tombigbee River	Standing Reed Creek	808011	Chickasaw, Clay	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Little Cane Creek
Tombigbee River	Sun Creek	822011	Noxubee, Winston	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Hashuqua Creek
Tombigbee River	Tadpole Creek	803112	Monroe	Aquatic Life Use Support	Biological Impairment	From headwaters to Aberdeen Lake
Tombigbee River	Talking Warrior Creek	812711	Oktibbeha	Aquatic Life Use Support	Biological Impairment	From headwaters to MWS 8128 boundary

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Tombigbee River	Town Creek	804111	Monroe, Clay	Aquatic Life Use Support	Sediment	From headwaters to confluence with Hang Kettle Creek
Tombigbee River	Town Creek	804211	Clay	Aquatic Life Use Support	Sediment	From confluence with Hang Kettle Creek to mouth at Tenn-Tom Waterway
Tombigbee River	Town Creek	808912	Clay	Aquatic Life Use Support	Biological Impairment	At West Point from headwaters to Tibbee Creek
Tombigbee River	Tulip Creek	804912	Lee	Aquatic Life Use Support	Biological Impairment	At Tupelo from headwaters to mouth at Town Creek
Tombigbee River	Wet Water Creek	813812	Lowndes, Noxubee	Aquatic Life Use Support	Biological Impairment	Near Brooksville from headwaters to Noxubee River
Tombigbee River	Wolf Creek	803412	Monroe	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Mattubby Creek
Tombigbee River	Wolf Creek	818811	Prentiss	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Twentymile Creek
Tombigbee River	Woodruff Creek	808212	Clay	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Underwood Creek
Tombigbee River	Yonaba Creek	804511	Lee	Aquatic Life Use Support	Biological Impairment	At Tupelo from confluence of Bridge Creek to confluence of Town Creek
Yazoo River	Bear Creek	913812	Chickasaw, Calhoun	Aquatic Life Use Support	Biological Impairment	Near Atlanta from headwaters to mouth at Topashaw Creek Canal
Yazoo River	Beartail Creek	909712	Tate	Aquatic Life Use Support	Biological Impairment	From confluence with Unnamed Tributary near MWS 9096 boundary to mouth at Coldwater River

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Yazoo River	Big Bogue	917311	Montgomery	Aquatic Life Use Support	Biological Impairment	From confluence with Eskridge Creek to MWS Boundary 9210
Yazoo River	Black Creek	921713	Holmes	Aquatic Life Use Support	Biological Impairment	From confluence with Tarrey Creek near MWS 9215 boundary to confluence with Harland Creek
Yazoo River	Bliss Creek	923411	Warren	Aquatic Life Use Support	Biological Impairment	Near Redwood from headwaters to the Yazoo River
Yazoo River	Buck Creek	913813	Calhoun, Webster	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Topashaw Creek
Yazoo River	Butputter Creek	914511	Grenada	Aquatic Life Use Support	Biological Impairment	Near Grenada from headwaters to Grenada Lake Flood Pool
Yazoo River	Cherry Creek	901212	Pontotoc	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Lappatubby Creek
Yazoo River	Cowpen Creek	915312	Calhoun	Aquatic Life Use Support	Biological Impairment	Near Banner from headwaters to the Skuna River
Yazoo River	Fannegusha Creek	920911	Holmes	Aquatic Life Use Support	Biological Impairment	From headwaters at Carroll/ Holmes County line To MWS 9210 boundary
Yazoo River	Fourmile Branch	907211	Lafayette	Aquatic Life Use Support	Biological Impairment	Near Oxford from headwaters to mouth at Yellow Leaf Creek
Yazoo River	Hubbard Creek	933711	Tallahatchie	Aquatic Life Use Support	Biological Impairment	Near Tandy from headwaters to Southlake Bayou
Yazoo River	James Wolf Creek	910512	Tate	Aquatic Life Use Support	Biological Impairment	From MWS 9106 boundary at Hwy 4 to mouth at Hickahala Creek

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
V - D'-	W 16 C 1	010611	T. 4	Aquatic Life	Biological	F. 1. 1. 4. A. MWC 01051 1 4 H 4
Yazoo River	James Wolf Creek	910611	Tate	Use Support	Impairment	From headwaters to MWS 9105 boundary at Hwy 4
				A .: T:C	Organic	
Yazoo River	Lake Beulah	990411	Bolivar	Aquatic Life Use Support	Enrichment/ Low DO	Entire lake near Beulah
1 dzoo idvei	Lake Bealan	770411	Donvar	Ose Support	Chlorides,	Entire take near Beatan
					Organic	
				Aquatic Life	Enrichment/	
Yazoo River	Lake Henry	938312	Leflore	Use Support	Low DO	Just South of Belzoni off Hwy 49W
Yazoo River	I :441 - D	016011	Montgomery, Webster	Aquatic Life	Sediment	Near Duckworth from headwaters to confluence with Coffe Branch
Yazoo River	Little Bogue	916911	webster	Use Support	Sediment	Colle Branch
				Aquatic Life		From confluence with Coffe Branch to confluence
Yazoo River	Little Bogue	917011	Montgomery	Use Support	Sediment	with Powell Creek
Tuzoo Itivei	Entire Bogue	717011	Wienigemery	ose support	Scamon	Will I G Well Glock
			Montgomery,	Aquatic Life		From confluence with Powell Creek to Batapan
Yazoo River	Little Bogue	917111	Grenada	Use Support	Sediment	Bogue
	Little Coldwater			Aquatic Life	Biological	
Yazoo River	Creek	909112	Marshall	Use Support	Impairment	From headwaters to confluence with Coldwater River
	Little Horse Pen		Calhoun,	Aquatic Life	Biological	
Yazoo River	Creek	914313	Grenada	Use Support	Impairment	From headwaters to mouth at Horsepen Creek
Yazoo River	Little Mud Creek	900413	Union	Aquatic Life Use Support	Biological	From headwaters to confluence with Little Tallahatchie River
Y azoo Kiver	Little Mud Creek	900413	Union	Use Support	Impairment	Tallanaichie River
	Little Topasaw		Webster,	Aquatic Life	Biological	
Yazoo River	Creek	913712	Chickasaw	Use Support	Impairment	Near Woodland from headwaters to Topasaw Creek
10200 101,01	2.001	715/12	- Chienasa II	2 Se Support		1.531 55 Sand Holl Head waters to Topasaw Creek
				Aquatic Life	Biological	Near Pontotoc from headwaters to confluence with
Yazoo River	Lyon Creek	901111	Pontotoc	Use Support	Impairment	Lappatubby Creek

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Yazoo River	Meridian Creek	913312	Calhoun	Aquatic Life Use Support	Biological Impairment	Near Vardaman from headwaters to mouth at Yalobusha River
Yazoo River	Moore Bayou	931912	Coahoma	Aquatic Life Use Support	Biological Impairment	From headwaters to confluence with Cassidy Bayou
Yazoo River	Okachickima Creek	916211	Yalobusha	Aquatic Life Use Support	Biological Impairment	Near Hardy from headwaters to Grenada Lake Flood Pool
Yazoo River	Okannatie Creek	900911	Union	Aquatic Life Use Support	Biological Impairment	At Ecru from confluence with Popular Springs Creek to MWS 9010 boundary at Highway 15 bridge
Yazoo River	Pecan Bayou	938511	Sunflower, Leflore	Aquatic Life Use Support	Organic Enrichment/ Low Dissolved Oxygen	Near Doddsville from headwaters to mouth at Quiver River
Yazoo River	Pelucia Creek	919311	Carroll	Aquatic Life Use Support	Biological Impairment	From MWS 9192 boundary to MWS Boundary 9381
Yazoo River	Savannah Creek	915214	Calhoun	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Lucknuck Creek
Yazoo River	Shelton Creek	908411	Tallahatchie, Panola	Aquatic Life Use Support	Biological Impairment	Near Crowder from headwaters to Yocona River
Yazoo River	Shutispear Creek	914011	Calhoun, Webster	Aquatic Life Use Support	Biological Impairment	From headwaters to MWS 9139 boundary at Yalobusha River flood plain
Yazoo River	Skuna River	915413	Calhoun	Recreation	Pathogens	At Bruce from Persimmon Creek to MWS 9156 boundary
Yazoo River	Tesheva Creek	922111	Yazoo, Holmes	Aquatic Life Use Support	Biological Impairment	From MWS Boundary 9220 to Yazoo/ Holmes County Line

Basin	Water Body Name	Water Body Id	County	Impaired Use	Pollutant	Location
Yazoo River	Unnamed Tributary to Little Tallahatchie River	901713	Union	Aquatic Life Use Support	Biological Impairment	Near Pinedale from headwaters to confluence with Little Tallahachie River just downstream of County Road 46
Yazoo River	Whites Creek	930111	De Soto, Tunica	Aquatic Life Use Support	Biological Impairment	Near Prichard from headwaters to Lake Comorant Bayou
Yazoo River	Yoda Creek	915414	Calhoun	Aquatic Life Use Support	Biological Impairment	From headwaters to mouth at Skuna River

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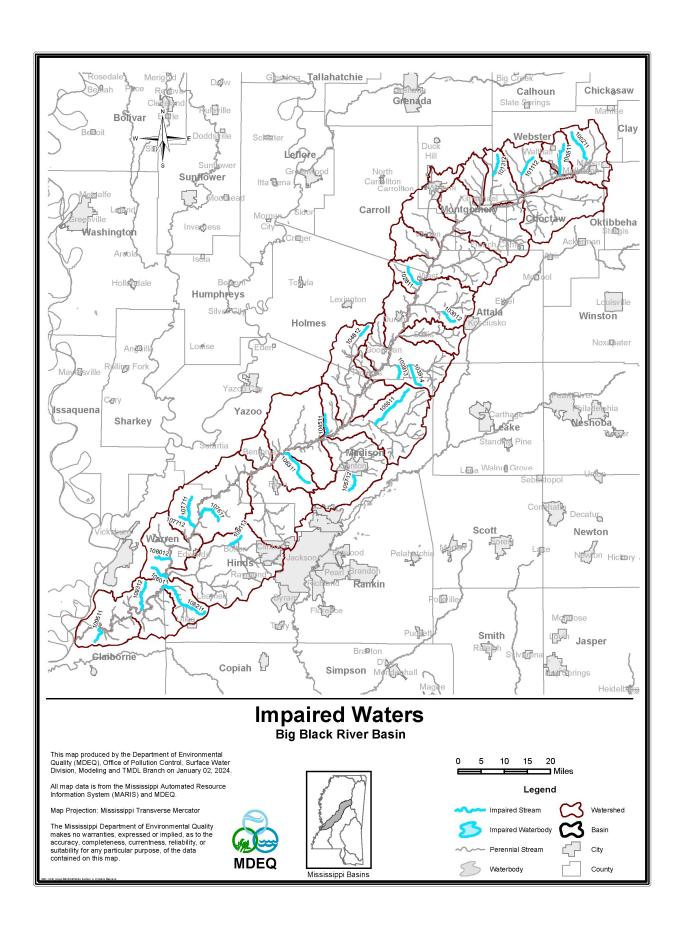
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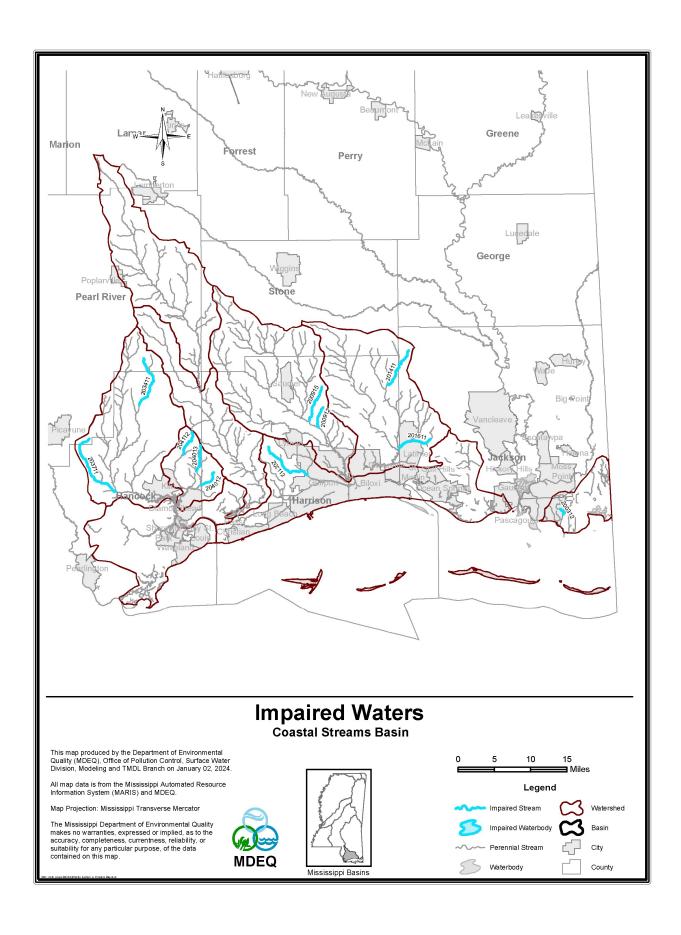
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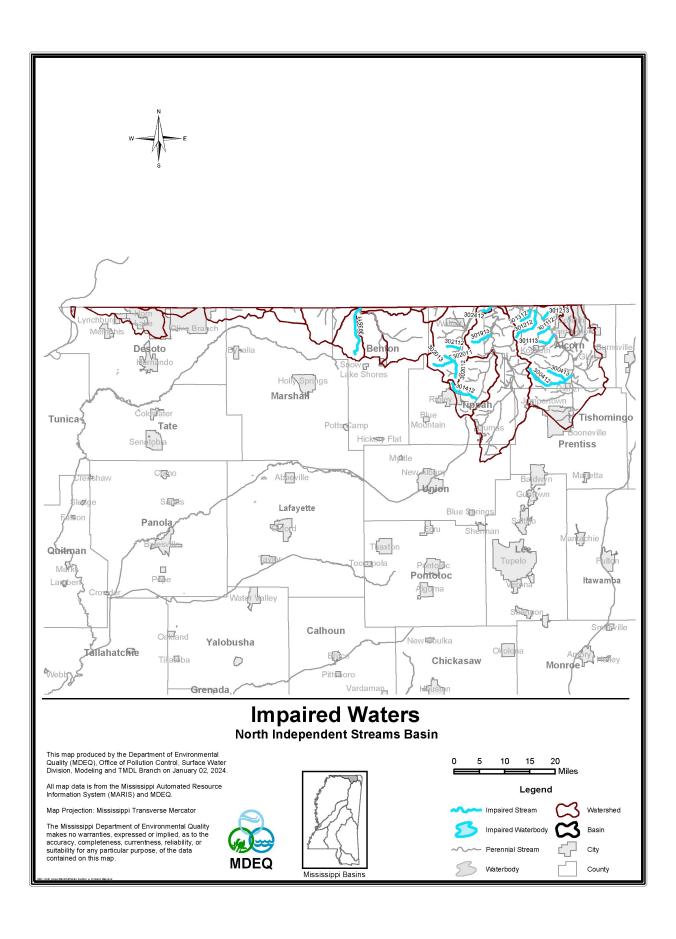
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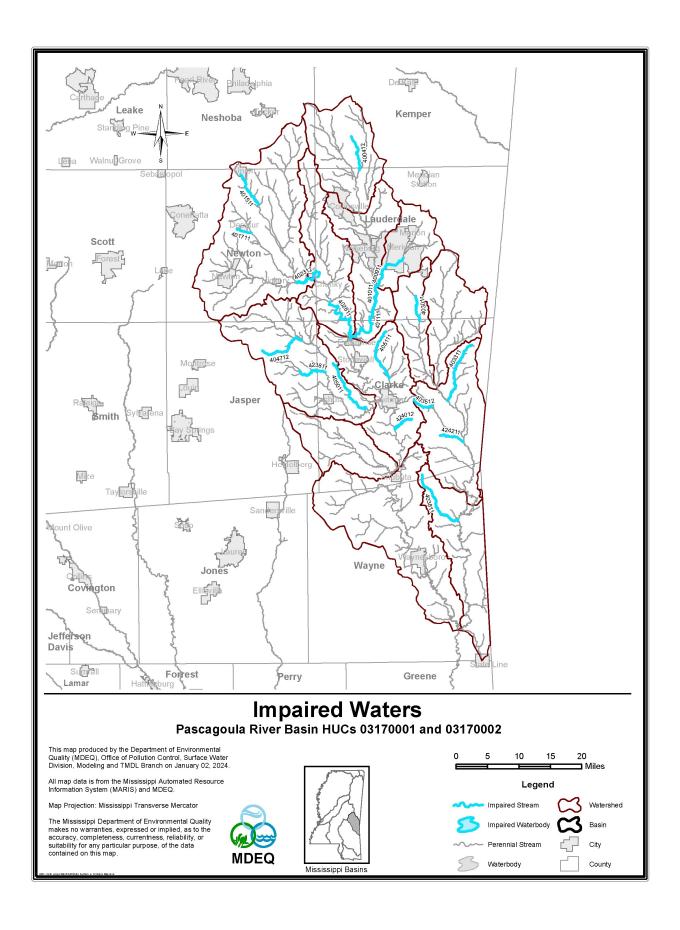
APPENDIX A. ATLAS

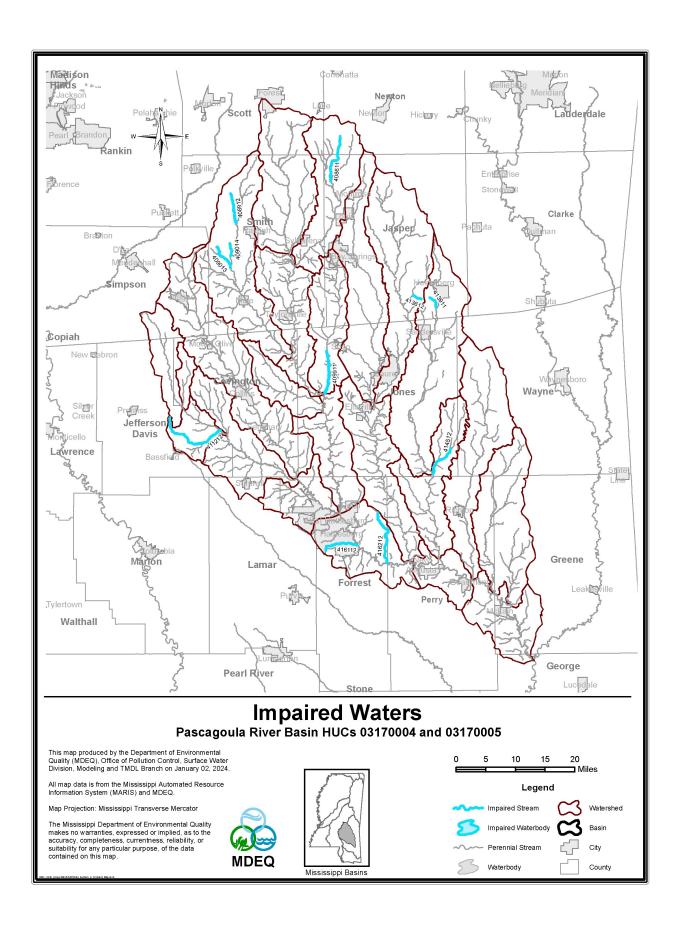
Maps are included in Appendix A for each basin. Streams shown in blue are impaired streams. In some river basins, the maps were split into 8-digit Hydrologic Unit Codes to better fit the page. Basins with no current listings are not included.

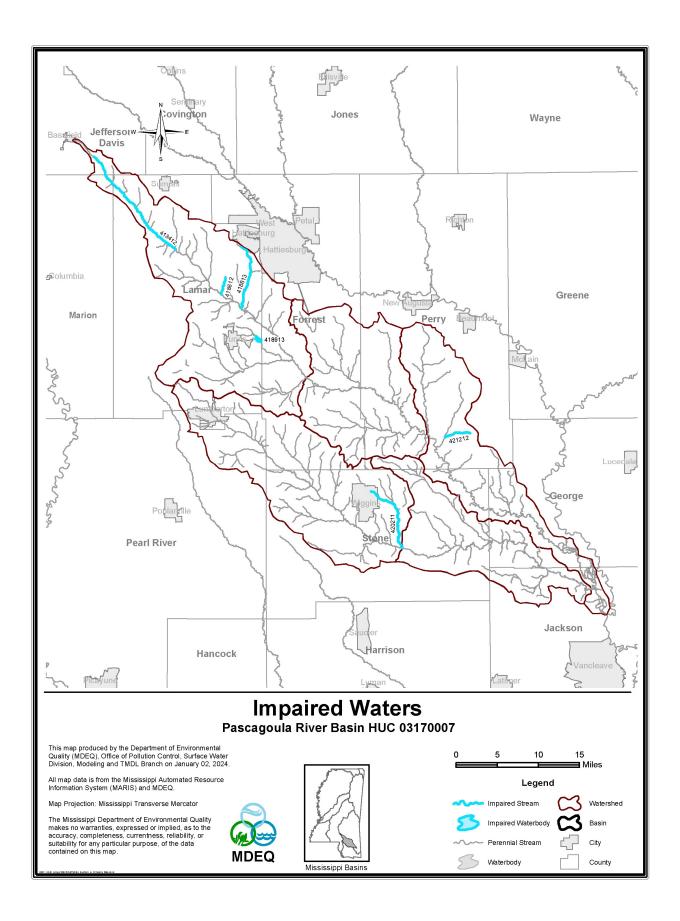


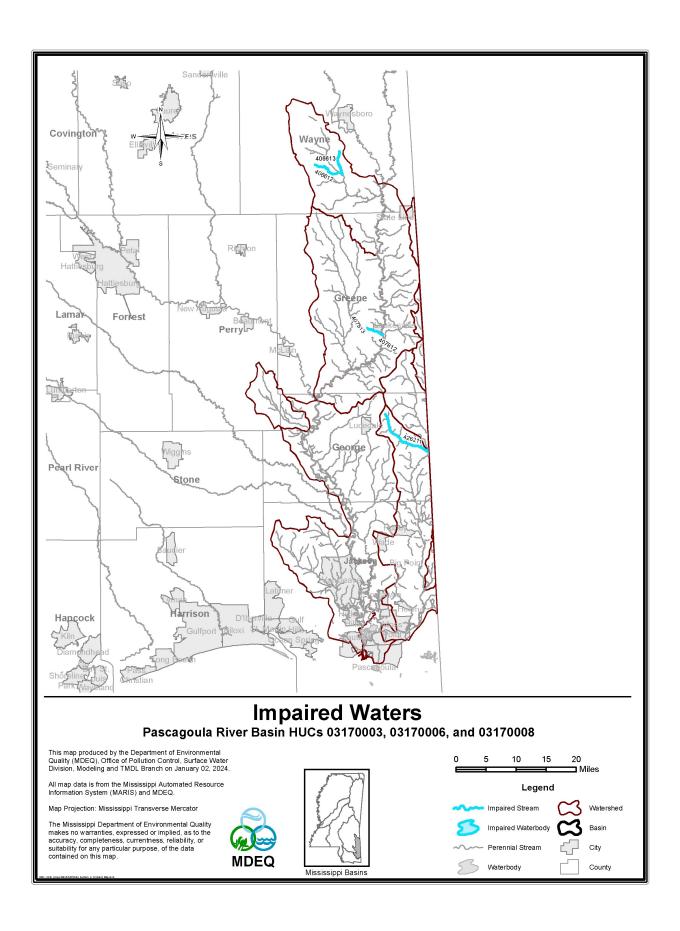


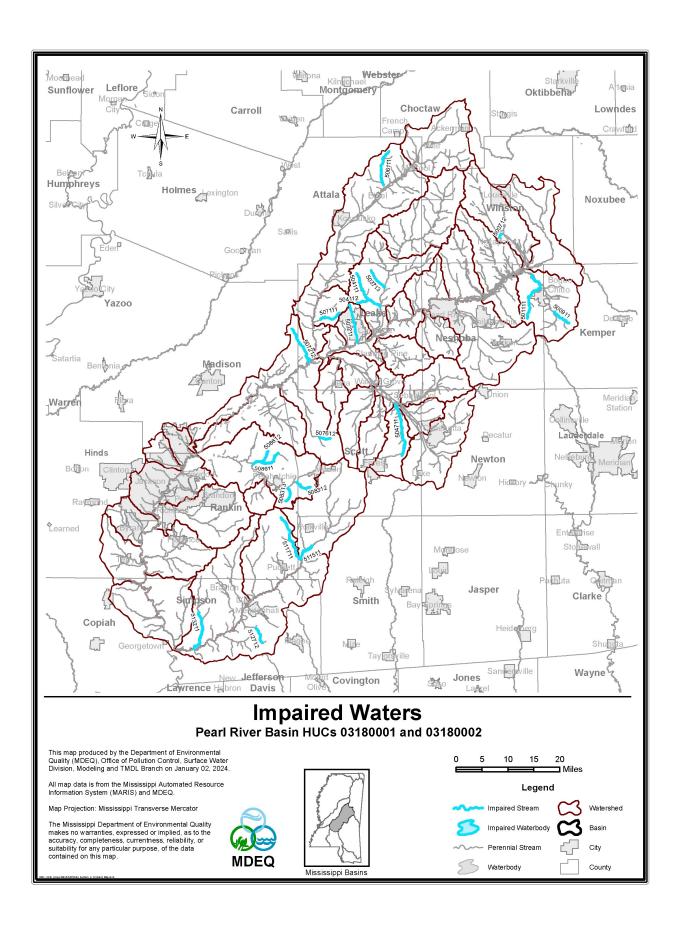


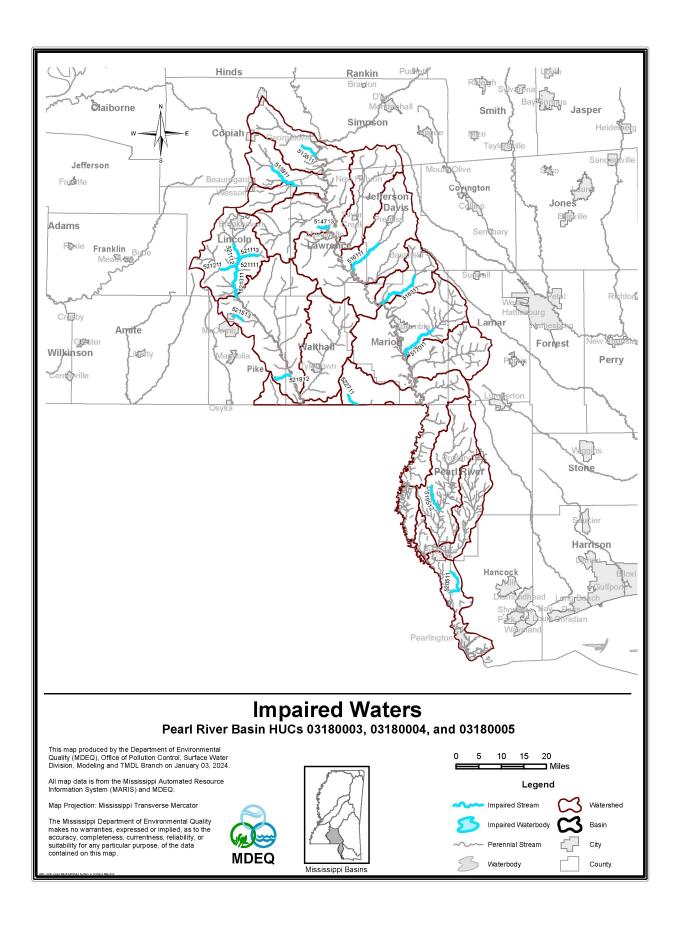


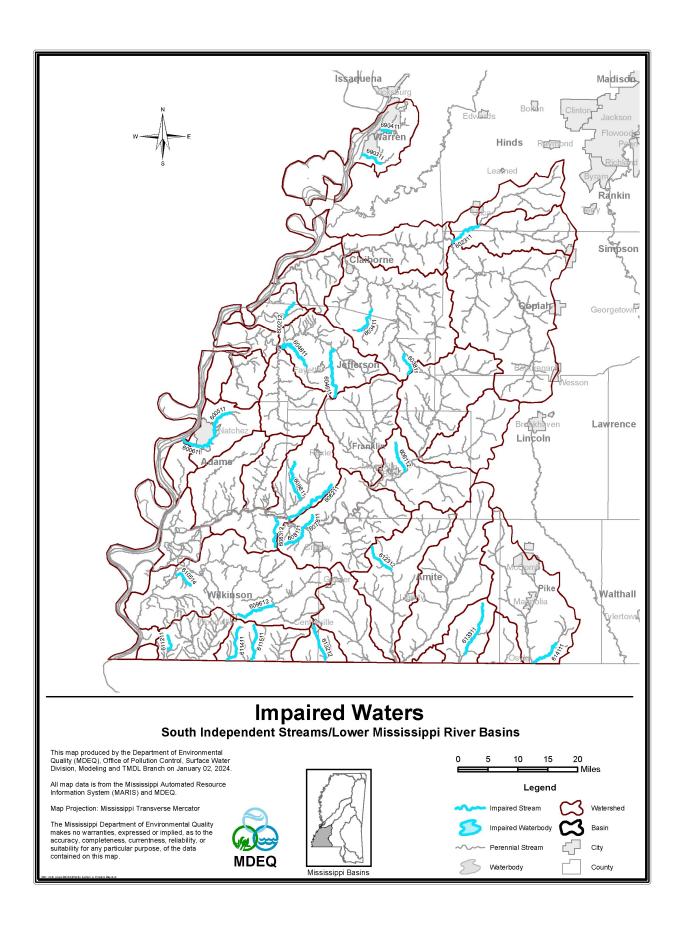


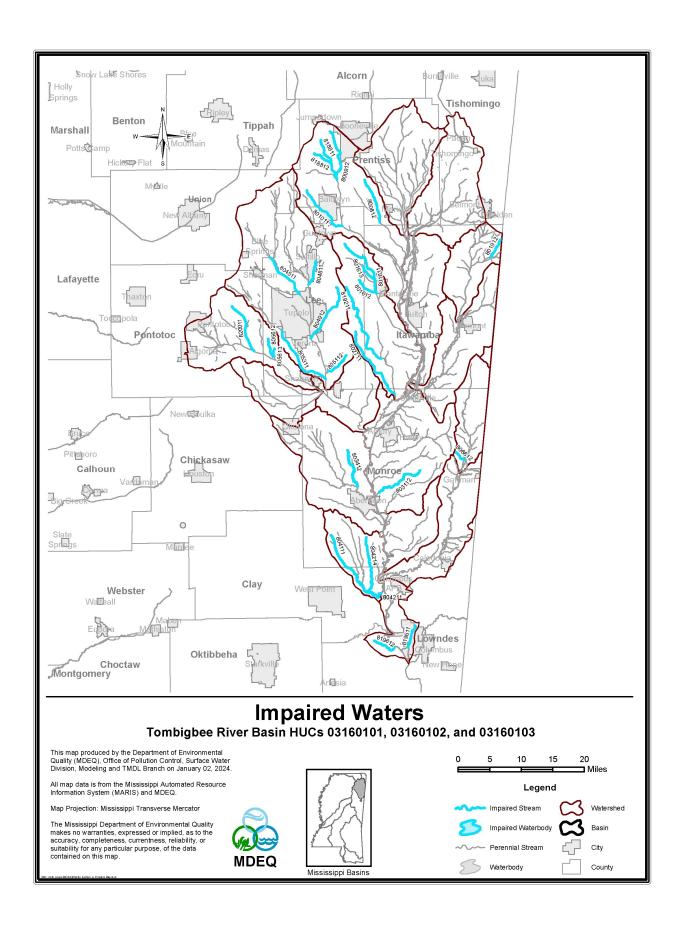


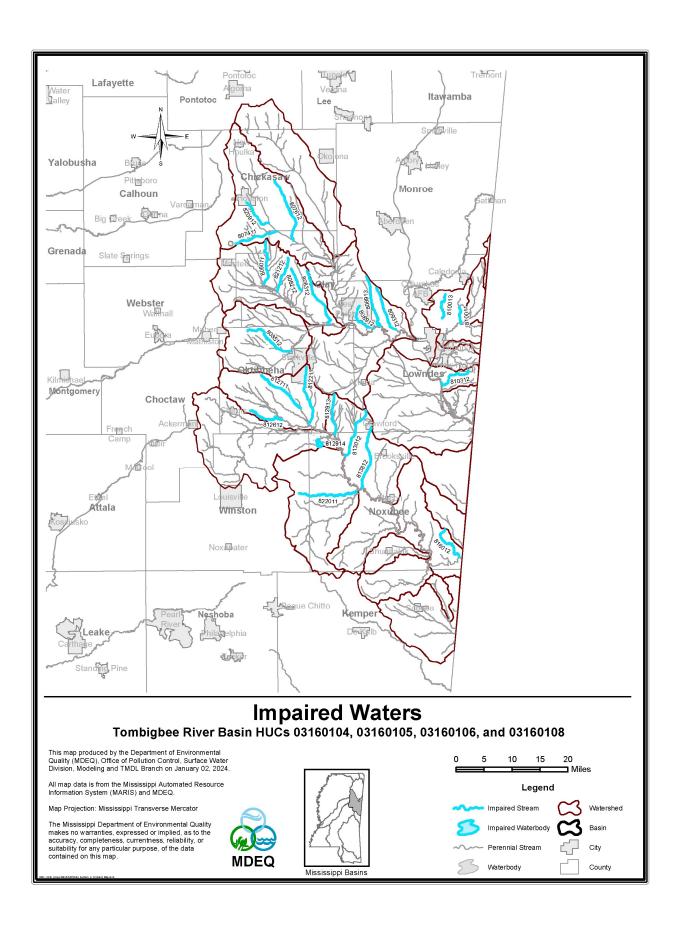


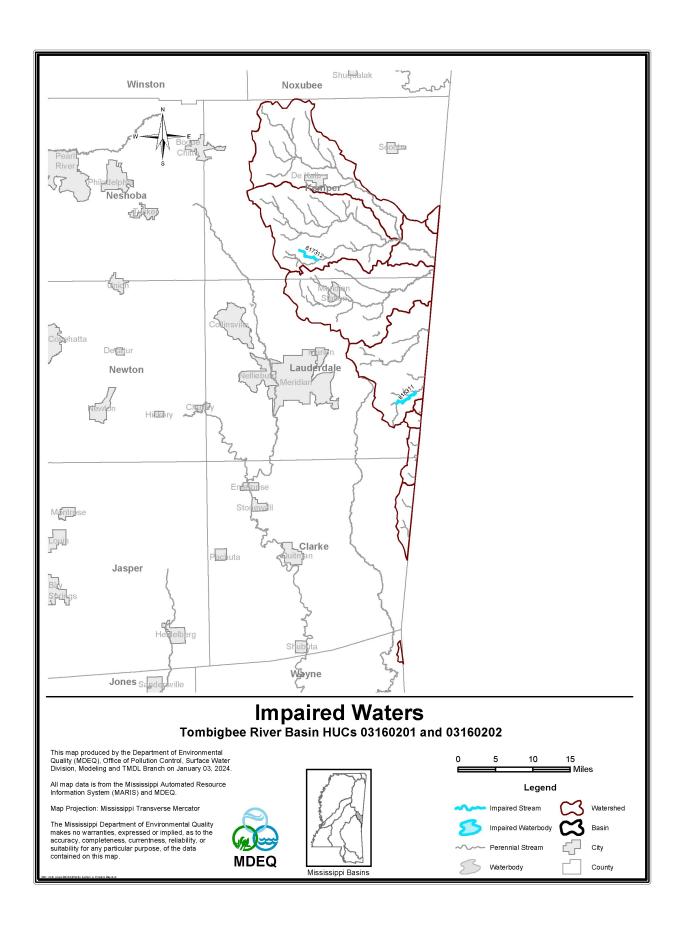


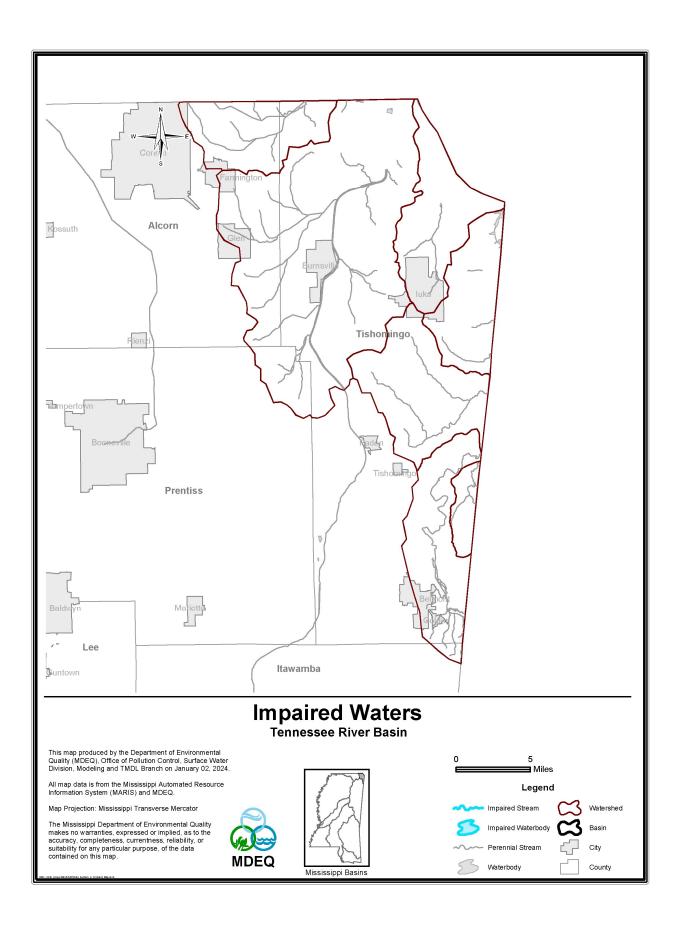


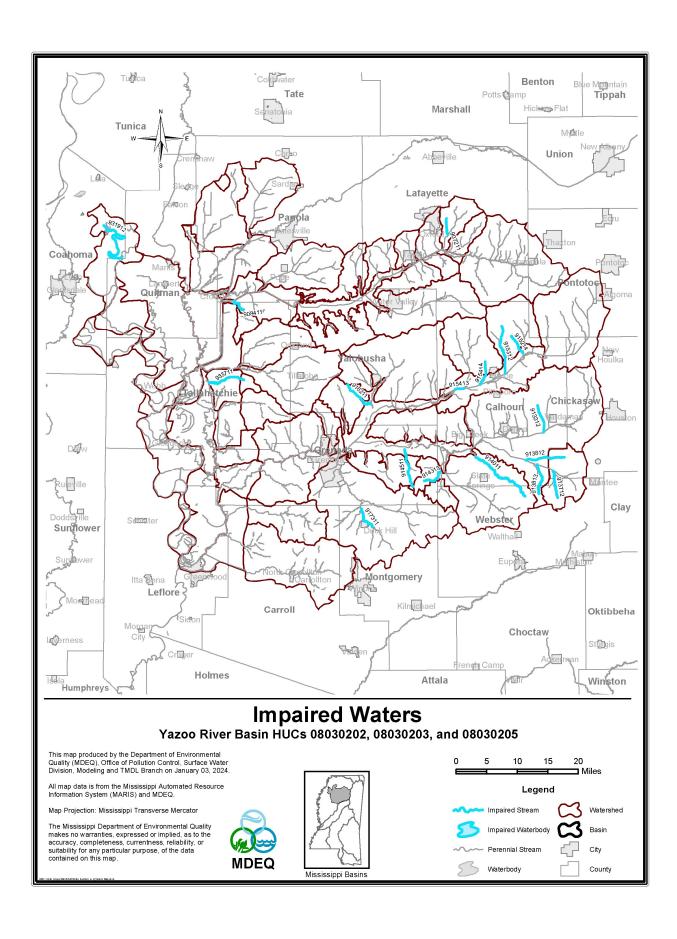


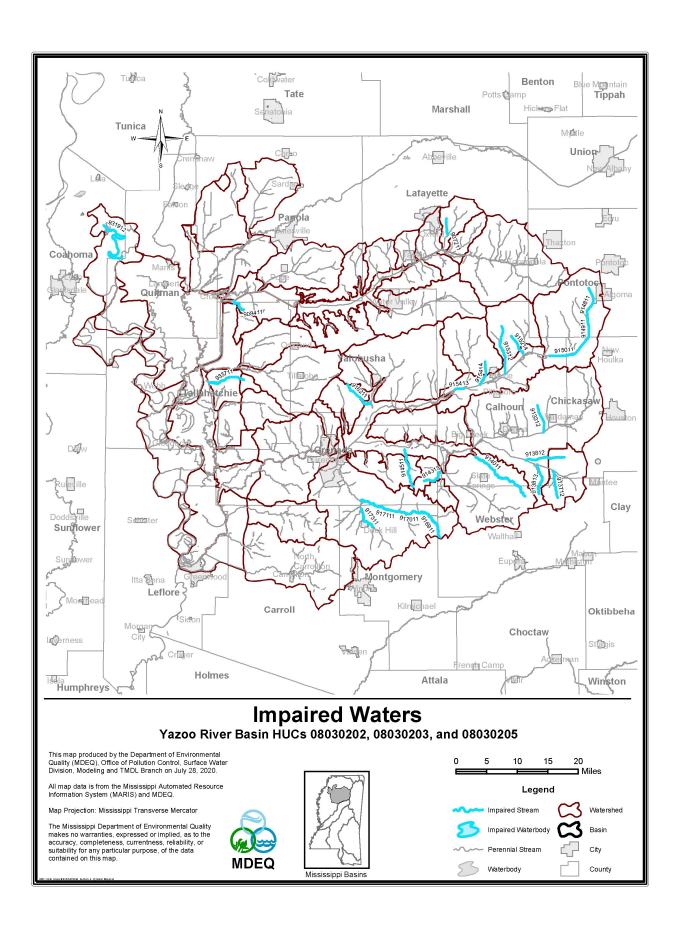


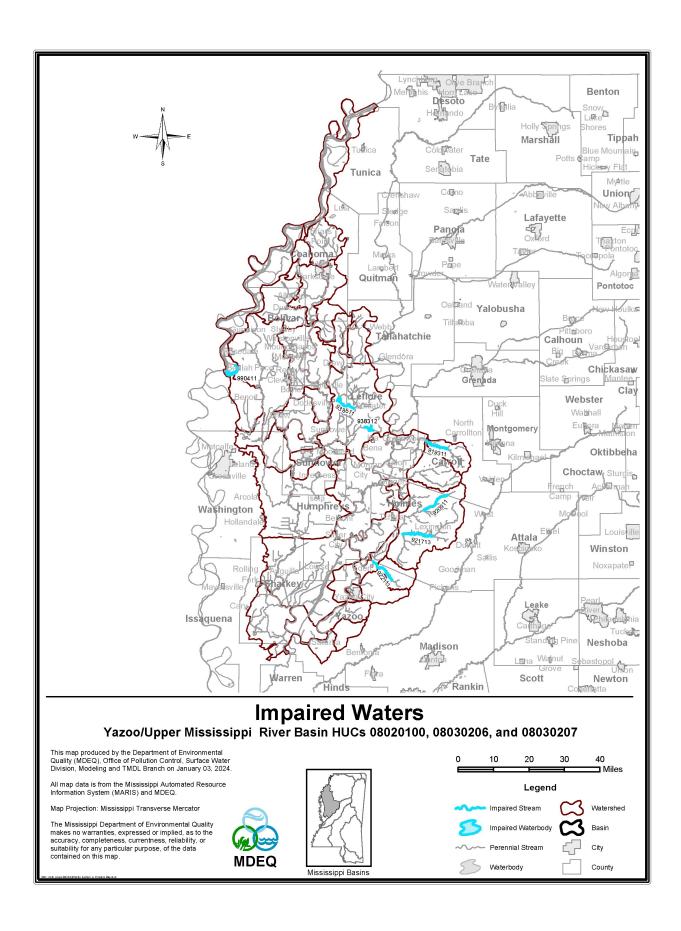


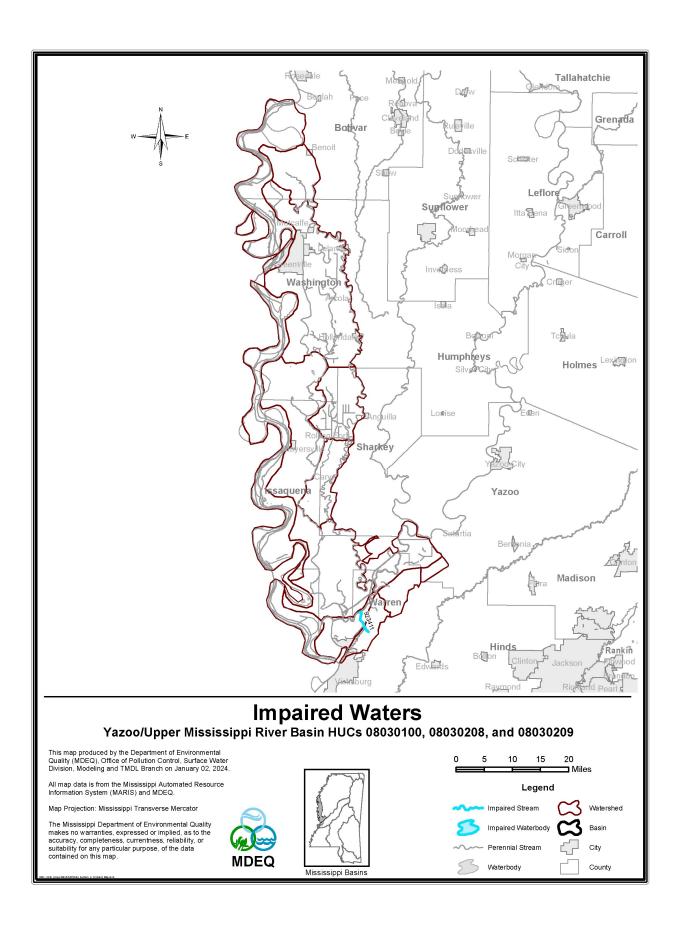












APPENDIX B. ATLAS OF TMDL SUCCESSES

