

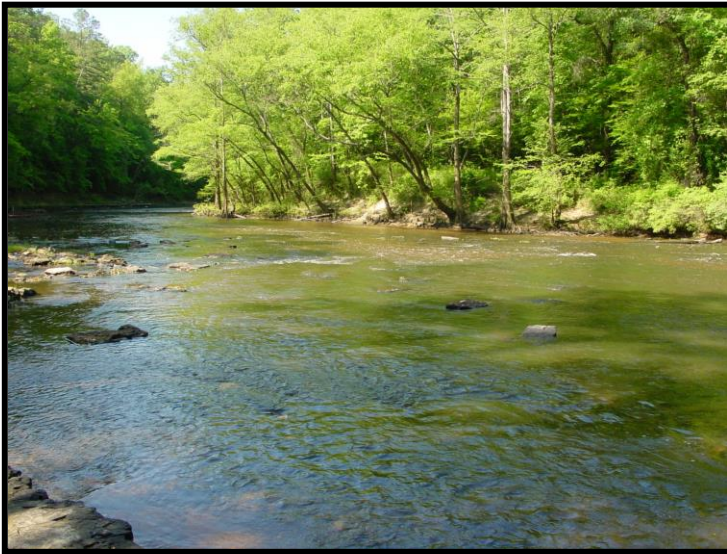


# State of Mississippi

## Water Quality Assessment

### 2018 Section 305 (b) Report

MISSISSIPPI DEPARTMENT OF  
ENVIRONMENTAL QUALITY





# State of Mississippi Water Quality Assessment 2018 Section 305(b) Report



**Department of Environmental Quality**

April 4, 2018

Prepared by:  
Office of Pollution Control  
Field Services Division  
Post Office Box 2261  
Jackson, MS 39225  
(601) 961-5171  
[www.deq.state.ms.us](http://www.deq.state.ms.us)



# ABSTRACT

Section 305(b) of the Federal Clean Water Act (CWA) requires each state to describe the quality of their water resources in a report for the United States Environmental Protection Agency (USEPA), Congress, and the public on a biennial basis. The Mississippi Department of Environmental Quality (MDEQ), as the lead agency for environmental protection in Mississippi, is the state agency responsible for generating this report. The purpose of Mississippi's 2018 Water Quality Assessment §305(b) Report is to comprehensively describe for USEPA, Congress, and the public the status of the quality of the state's surface waters. This 2018 §305(b) report fulfills all reporting requirements under §305(b) of the CWA. Along with the water quality assessment information, the report also describes the state's assessment methodology and gives the causes, where known, for those waters identified as impaired. Additionally, Mississippi's surface water quality monitoring program is described in this report.

# ACKNOWLEDGEMENTS

The authors would like to express their appreciation to the staff of the Surface Water Division's Basin Management Section and the Modeling and TMDL Branch who contributed to this report. It should also be noted that without the help and support from the staff in the Data Integration Division who helped with all database needs and GIS support, development of this report would not have been possible. Special thanks is extended to the staff of the Field Services Division for their data collection and laboratory efforts in providing most of the data used in this assessment cycle, as well as their contributions to this narrative report. The Water Quality Assessment Section would also like to thank Jeff Thomas and Kosalram Gopalsamy without whom this effort would have been impossible.

# TABLE OF CONTENTS

<b>TABLE OF CONTENTS .....</b>	<b>v</b>
<b>TABLE OF FIGURES .....</b>	<b>vi</b>
<b>TABLE OF TABLES .....</b>	<b>vi</b>
<b>List of Acronyms .....</b>	<b>vii</b>
<b>PART I .....</b>	<b>1</b>
<b>INTRODUCTION .....</b>	<b>1</b>
<b>Introduction .....</b>	<b>2</b>
Background and Purpose .....	2
Mississippi's Surface Waters .....	3
<b>PART II .....</b>	<b>5</b>
<b>SURFACE WATER ASSESSMENT METHODOLOGY AND STATEWIDE ASSESSMENT SUMMARY .....</b>	<b>5</b>
<b>Assessment Methodology .....</b>	<b>6</b>
Introduction .....	6
Water Quality Standards .....	7
Mississippi 2018 §305(b) Assessment Methodology .....	7
Data Representativeness .....	8
Data Quality .....	10
Waterbody Use Support Determination .....	10
Assessment Database (ADB) .....	10
<b>Statewide Assessment Summary .....</b>	<b>13</b>
Designated Use Support-Rivers and Streams .....	13
Causes and Sources of Impairment of Designated Uses-Rivers and Streams .....	16
Assessment Summary for ALUS and Recreation .....	18
Designated Use Support – Estuaries and Coastal Waters .....	20
Aquatic Life Use Support (ALUS) Assessment .....	20
Recreation Use Support Assessment .....	22
Lakes: Statewide Assessment Summary .....	23
Lake Water Quality .....	23
Use Support Determinations .....	23
<b>Assessment Summary for ALUS Determinations .....</b>	<b>24</b>
Section 314 Reporting-Trophic Status .....	26
Lake Pollution Control Methods .....	31
<b>PART III .....</b>	<b>33</b>
<b>PUBLIC HEALTH CONCERNS AND ADVISORIES .....</b>	<b>33</b>
<b>Public Health Concerns and Advisories .....</b>	<b>34</b>
Introduction .....	34
Fish Tissue Contamination .....	35
Mercury Contamination in Fish Tissue .....	38
DDT Contamination in the Delta .....	38
Fish Kills .....	41
Shellfish Restrictions .....	43
Beach Advisories .....	44
<b>PART IV .....</b>	<b>45</b>
<b>SURFACE WATER MONITORING AND ASSESSMENT PROGRAM SUMMARY .....</b>	<b>45</b>
<b>Basin Management Approach .....</b>	<b>46</b>
<b>MDEQ Surface Water Monitoring Program .....</b>	<b>49</b>
Introduction .....	49
Surface Water Monitoring Strategy .....	49
<b>Description of MDEQ Sampling Networks .....</b>	<b>51</b>
Status & Trends Ambient Monitoring Networks .....	51
Ambient Bridge Network .....	52

Ambient Biological Network.....	54
Ambient Recreational Monitoring Network.....	56
Ambient Beach Monitoring Network.....	58
Mississippi Coastal Assessment Program.....	58
<b>LITERATURE CITED.....</b>	<b>62</b>
<b>Appendix A.....</b>	<b>64</b>
Introduction.....	65

## TABLE OF FIGURES

Figure 1: Mississippi River Basins and Delta.....	12
Figure 2: River and Stream Monitoring Locations in Mississippi.....	14
Figure 3: Assessed Stream Mileage Perennial Rivers and Streams.....	15
Figure 4: Summary of Use Support Impairment Causes: Rivers and Streams.....	17
Figure 5: Aquatic Life Use Support Summary.....	18
Figure 6: Recreation Use Support Summary.....	19
Figure 7: Aquatic Life Use Support Summary: Lakes.....	24
Figure 8: Summary of Use Support Impairment Causes: Lakes.....	25
Figure 9: Map of Fish Advisories in Mississippi.....	37
Figure 10: Advisory Area for Delta Region of Mississippi.....	40
Figure 11: Annual Number of Fish Kills Investigated from 2012-2016.....	42
Figure 12: Distribution of Fish Kill Causes from 2012-2016.....	43
Figure 13: Mississippi's Nine Major Drainage Basins.....	47
Figure 14: Mississippi's Basin Groups.....	48
Figure 15: Ambient Bridge Network.....	53
Figure 16: Ambient Biological Network.....	55
Figure 17: Ambient Recreational Monitoring Network.....	57
Figure 18: Ambient Beach Monitoring Network.....	60
Figure 19: Mississippi Coastal Assessment 2012-2016.....	61

## TABLE OF TABLES

Table 1: Mississippi Atlas.....	4
Table 2: Total Sizes of Waters According to Use Classification.....	4
Table 3: Summary of Use Support Impairment Causes for Rivers and Streams.....	17
Table 4: Aquatic Life Use Support Summary for Perennial Rivers and Streams.....	18
Table 5: Recreation Use Support Summary for Perennial Rivers and Streams.....	19
Table 6: MCA Conventional Parameter Summary – All MS Coastal Waters.....	21
Table 7: MCA Conventional Parameter Summary – MS Coastal Waters by Strata.....	21
Table 8: Carlson's Trophic State Index (Adapted from Addy and Green 1996).....	27
Table 9: Carlson's Trophic Status of Lakes.....	29
Table 10: Fish Tissue Advisories in Mississippi.....	36



# List of Acronyms

<b>ADB</b>	Assessment Database
<b>ALUS</b>	Aquatic Life Use Support
<b>AU</b>	Assessment Unit
<b>BEACH</b>	Beaches Environmental Assessment and Coastal Health
<b>BOD</b>	Biochemical Oxygen Demand
<b>CALM</b>	Consolidated Assessment and Listing Methodology
<b>CWA</b>	Clean Water Act
<b>DDT</b>	Dichloro-Diphenyl-Trichloroethane
<b>DO</b>	Dissolved Oxygen
<b>EMAP</b>	Environmental Monitoring and Assessment Program
	Environmental Surface Water Portal for Information Repository and
<b>ENSPIRE</b>	Exchange
<b>FDA</b>	US Food and Drug Administration
<b>FSD</b>	Field Services Division
<b>GCRL</b>	University of Southern Mississippi Gulf Coast Research Laboratory
<b>GIS</b>	Geographic Information Systems
<b>M-BISQ</b>	Mississippi Benthic Index of Stream Quality
<b>MDEQ</b>	Mississippi Department of Environmental Quality
<b>MDMR</b>	Mississippi Department of Marine Resources
<b>MDWFP</b>	Mississippi Department of Wildlife Fisheries and Parks
<b>NCA</b>	National Coastal Assessment
<b>NCTF</b>	Nutrient Criteria Task Force
<b>NHD</b>	National Hydrography Dataset
<b>NHEERL</b>	USEPA Gulf Ecology Division National Health and Environmental
	Effects Research Laboratory
<b>NOAA</b>	National Oceanic and Atmospheric Administration
<b>NPDES</b>	National Pollutant Discharge Elimination System
<b>NPS</b>	Non Point Source
<b>NRCS</b>	National Resource Conservation Service
<b>NSSP</b>	National Shellfish Sanitation Program
<b>OPC</b>	Office of Pollution Control
<b>ORD</b>	US EPA Office of Research and Development
<b>PCBs</b>	Polychlorinated Biphenyls
<b>QAPP</b>	Quality Assurance Project Plans
<b>QC</b>	Quality Control
<b>RU</b>	Reporting Unit
<b>SI</b>	Stressor Identification
<b>SOP</b>	Standard Operating Procedures

<b>STORET</b>	STorage and RETreival System
<b>SWMP</b>	Surface Water Monitoring Program
<b>TDS</b>	Total Dissolved Solids
<b>TMDL</b>	Total Daily Maximum Load
<b>TSI</b>	Trophic State Index
<b>TVA</b>	Tennessee Valley Authority
<b>USACE</b>	United States Army Corps of Engineers
<b>USDA</b>	United States Department of Agriculture
<b>USEPA</b>	US Environmental Protection Agency
<b>USFWS</b>	US Fish and Wildlife Service
<b>USGS</b>	US Geological Survey
<b>USM</b>	University of Southern Mississippi
<b>USNPS</b>	US National Park Service
<b>WQS</b>	Water Quality Standards
<b>WQX</b>	Water Quality Exchange

# **PART I**

## **INTRODUCTION**

# Introduction

## Background and Purpose

According to the Federal Clean Water Act (CWA), §305(b) requires each state to describe the quality of their water resources, both surface water and ground water, in a report for the United States Environmental Protection Agency (USEPA), Congress, and the public on a biennial basis. The Mississippi Department of Environmental Quality (MDEQ), as the lead agency for environmental protection in Mississippi, is the state agency responsible for generating this report. MDEQ is committed to ensuring that everyone, regardless of race, culture, or income enjoys a healthy environment in which to live, learn, and work. For more information on the agency's mission, organizational structure, programs, and contacts, visit MDEQ's web site at [www.mdeq.ms.gov](http://www.mdeq.ms.gov).

Historically, §305(b) reporting has involved comprehensive statewide assessments every two years since CWA was passed in 1972. Section 305(b) ground water assessments are updated separately. This report is designed to be comprehensive in nature, based upon the most current updated information applicable for statewide assessment of Mississippi's surface waters.

For §305(b) assessment, surface water quality data and other environmental information collected on the state's streams, rivers, lakes, estuaries, and coastal waters are compiled, summarized, and analyzed. In addition, ground water data and information are also assessed for the aquifers in the state. Monitoring data are routinely collected by MDEQ statewide through several different monitoring activities. These activities include Ambient Monitoring Networks, Program Support Monitoring Network, intensive surveys, and other special water quality studies. Data are used for many varied purposes and are collectively analyzed and considered for assessment as part of the §305(b) water quality assessment process. In order to provide a thorough assessment, data are also solicited from and provided by other agencies, institutions, and private entities that conduct monitoring activities in the state.

The purpose of Mississippi's 2018 Water Quality Assessment §305(b) Report is therefore to comprehensively describe for USEPA, Congress, and the public the status of the quality of the state's surface waters. Along with the water quality assessment information, the report also describes the state's assessment methodology and gives the causes for those waters identified as impaired.

This 2018 §305(b) report is a comprehensive statewide report of surface water quality based on data collected from January 2012-December 2016. This report presents a compilation and summary of data collected statewide; only data collected within the reporting window are used for assessment. Beginning in 2001, more rigorous data quality and quantity requirements have been employed by MDEQ to ensure only scientifically-defensible data are used in the §305(b) assessment process.

For the §305(b) report, all data and information are considered for assessment but only water quality data that meet data quantity and quality requirements according to the state's Consolidated Assessment and Listing Methodology (CALM) (DEQ 2016) are assessed. MDEQ follows USEPA guidance for the development of the §305(b) report and the CALM (USEPA

1997, USEPA 2002, USEPA 2006). Assessment involves analysis of monitoring data and information to determine if a waterbody meets its designated use or uses. Water bodies are assigned one or more designated use(s) based on waterbody classifications as outlined in the state's Water Quality Standards (11 Miss. Admin. Code Pt. 6, Ch. 2) {WQS}. Designated uses assessed are: aquatic life support, water contact recreation, fish/shellfish consumption, and/or drinking water supply. Waters assessed as not attaining their use(s) in the §305(b) assessment process become candidates for listing on Mississippi's §303(d) list (MDEQ 2016).

## Mississippi's Surface Waters

Mississippi lies predominantly within the East Gulf Coastal Plain physiographic region except for a small part of northeastern Mississippi which is part of the Interior Low Plateaus Province. The state is characterized with low to moderate topographic elevations, and slopes generally from the north southward to the Gulf of Mexico. The climate of the state is humid and subtropical with climatic variations influenced by the large land mass to the north and the Gulf of Mexico to the south. Mean annual precipitation ranges from 50 inches in the north to 65 inches near the coast. Most rainfall occurs in the spring for the majority of the state; but on the coast, July, August and September often have more rainfall. Fall is the driest season statewide with streams and rivers generally reaching their lowest stage for the year during October. Temperatures in the state vary with latitude and in the winter average from 31°F in the north to 43°F on the coast. Summer temperatures throughout Mississippi average 90°F with frequent excursions above 100°F especially in the south.

Mississippi has a population in excess of 2,984,100 (US Census Bureau 2017 Projection) and covers a surface area of 47,689 square miles. The state is divided into ten major river basins with a total length of streams in excess of 82,000 miles. Of these miles, 32% are perennial characterized by flowing water throughout the year. Intermittent streams which flow during rainy seasons but are dry during summer months represent 65% of Mississippi's total stream mileage. There are over 2,400 miles of man-made ditches and canals in the state. The Mississippi River (approximately 400 miles) and the Pearl River (approximately 80 miles) form Mississippi's border with Arkansas and Louisiana on the west side of the state. The state is covered with hundreds of publicly owned lakes, reservoirs and ponds covering a combined area of approximately 260,000 acres. According to land use information, wetlands cover an estimated 2,728,000 acres with tidal marsh comprising approximately 53,000 acres of this total. The southern edge of Mississippi's contiguous land mass borders the Mississippi Sound with the coastline along the Mississippi Sound totaling approximately 84 miles. The total area of estuarine waters is approximately 758 square miles. This area includes the St. Louis Bay, Back Bay of Biloxi, Pascagoula Bay, Mississippi Sound, and the portion of the Gulf of Mexico that extends three miles south of the Barrier Islands. A tabular summary of the information given above can be found in Table 1.

**Table 1: Mississippi Atlas**

State Population .....	2,984,100
State surface area (square miles).....	47,689
Number of river basins.....	10
Total number of river and stream miles* .....	82,154
- Number of perennial river miles (subset)* .....	26,379
- Number of intermittent stream miles (subset)* .....	53,351
- Number of ditch and canal miles .....	2,424
Number of lakes/reservoirs/ponds (>25 acres) .....	1,251
Acres of lakes/reservoirs/ponds (>25 acres) .....	259,533
Square miles of estuaries/harbors/bays .....	753
Number of coastal miles .....	84
- Number of Public Recreational Beach Miles .....	42
Acres of freshwater wetlands .....	2,728,072
Acres of tidal wetlands .....	52,875

\*From USEPA NHD estimates

All waters of the state are classified for uses consistent with the goals of the Clean Water Act. Waters are classified according to one or more of the following classifications: Public Water Supply, Shellfish Harvesting, Recreation, Fish and Wildlife, and Ephemeral Stream. These classifications are explained fully in the state's water quality standards (WQS 11 Miss) available on MDEQ's web site. A summary of classified uses of state waters is found in Table 2.

**Table 2: Total Sizes of Waters According to Use Classification**

<b>Classified Use</b>	<b>Total Size According to Classification</b>			
	Rivers (miles)	Lakes (acres)	Estuaries (sq. miles)	Coastal Shoreline (miles)
Fish & Wildlife <sup>a</sup>	82,154	140,627		
Public Water Supply <sup>ab</sup>	87	13,597		
Recreation <sup>b</sup>	1,043	93,159	728	84
P. Water Supply & Rec. <sup>ab</sup>		22,577		
Shellfish Harvesting <sup>bc</sup>			6	
Recreation/Shellfish <sup>b</sup>			32	
Ephemeral	113			

<sup>a</sup>Also suitable for Secondary Contact Recreation

<sup>b</sup>Also suitable for Fish and Wildlife

<sup>c</sup>Also suitable for Recreation

## **PART II**

# **SURFACE WATER ASSESSMENT METHODOLOGY AND STATEWIDE ASSESSMENT SUMMARY**

# Assessment Methodology

## Introduction

Surface water quality assessments are technical reviews of physical, chemical, bacteriological, biological, and/or toxicological monitoring data as well as other information to determine the quality of surface water resources. A primary goal of surface water quality assessments, as required by §305(b), is to determine if the state's surface waters are meeting the fishable and swimmable goals of the CWA. A secondary goal of the §305(b) assessment process is to provide the necessary information on waterbody impairment for use in the development of the state's §303(d) list.

Surface water quality assessments are general characterizations of waterbody health and involve comparing data to the state's Water Quality Standards (WQS). Mississippi's WQS specify the appropriate levels for which various water quality parameters or indicators support a waterbody's designated use(s). Each use assessed for a waterbody is determined to be either "Attaining" or "Not Attaining" in accordance with the applicable water quality standards and USEPA guidelines for assessments pursuant to §305(b). A waterbody's use is said to be impaired when, based on current and reliable site-specific data of sufficient quantity, quality, and frequency of collection, it is not attaining its designated use(s). Where data and information of appropriate quality and quantity indicate non-attainment of a designated use or uses for an assessed waterbody, the waterbody will be placed on the Mississippi 2018 Section 303(d) List of Impaired Water Bodies (MDEQ 2018) and be subject to further monitoring and/or Total Maximum Daily Load (TMDL) development. Assessments are necessary to answer basic questions like:

- Does this waterbody support a healthy and diverse aquatic life for fish and other aquatic organisms?
- Is this waterbody safe for swimming?
- Are fish caught in this waterbody safe to eat?

To achieve the goals of the CWA, it is necessary to have requirements and guidelines for how water quality data are collected, analyzed, and assessed. A consistent and scientifically-defensible assessment methodology provides the mechanism to enable and support sound decision-making. The USEPA has developed, with state and public input, a national guidance document for the §305(b) assessment and §303(d) listing process. This Consolidated Assessment and Listing Methodology (CALM), finalized by USEPA in 2002, provides a framework for states to document and report how they collect and use water quality data and information for their §305(b) reporting and §303(d) listing process. USEPA recommended the use of the CALM guidance for the 2016 assessment but also allowed states flexibility and the option of using previous §305(b) guidance for water quality assessment purposes. For the Mississippi 2018 assessment, MDEQ has developed a document entitled Mississippi Consolidated Assessment and Listing Methodology (CALM) 2018 Assessment and Listing Cycle (MDEQ 2018) which can be provided upon request or found at [www.deq.state.ms.us](http://www.deq.state.ms.us). The purpose of this document is



to specify MDEQ’s data requirements and assessment guidelines for the 2018 §305(b) assessment and §303(d) listing cycle. Mississippi’s CALM document primarily reflects USEPA CALM recommendations but also retains some elements of previous §305(b) guidance.

## Water Quality Standards

Surface waters in Mississippi are used for a number of purposes. Waters are used for drinking and food processing, shellfishing, recreation, fishing, and aquatic life support. Water bodies are classified and assigned various use classifications by MDEQ in the state’s Water Quality Standards based on the use of the waterbody 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 as follows:

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

Most of Mississippi’s waters are classified as Fish and Wildlife. For each of the use classifications listed above, there are various water quality criteria or standards that apply to those waterbody uses. These criteria are used in the assessment process. A waterbody (part or all of a stream, river, lake, estuary or coastline) should support one or more of these uses. A complete description of Mississippi’s waterbody use classifications and water quality standards can be found in the state’s WQS.

## Mississippi 2018 §305(b) Assessment Methodology

Water quality data and information can take many different forms, from simple observations to routine fixed network monitoring and intensive surveys with extensive water chemistry, biology, and physical data sampling. For §305(b) Water Quality Assessment Reports, MDEQ assesses the state’s streams, rivers, lakes, and estuaries by considering all existing and readily available information. This process is not limited to data collected only by MDEQ. MDEQ solicits available water quality data and information from various state, federal, public, and private sources. Data solicitation is facilitated through Mississippi’s Basin Management Approach. The public may also submit water quality data for consideration at any time. This broad spectrum of available data is considered when making water quality assessments.

## Data Representativeness

Previous USEPA §305(b) guidance, Guidelines for Preparation of the Comprehensive State Water Quality Assessments (§305(b) Reports) and Electronic Updates: Supplement (USEPA 1997), promoted the use of two types of assessments: “evaluated” and “monitored”. MDEQ historically used evaluated and monitored assessments to make broader water quality statements to compensate for limited monitoring coverage. A waterbody assessed using evaluated data is defined as one for which the use support decision is based on information other than site-specific monitoring data. Such information includes land use surveys, incidents of pollution spills/fish kills, point source discharge data, and monitoring data greater than 5 years old. These data generally have a greater degree of uncertainty in characterizing in-stream water quality condition than assessments based upon site-specific in-stream monitoring data. Prior to 2002, this evaluated information was used in the assessment process as specified by USEPA §305(b) guidance.

MDEQ, as a general rule, will only use site-specific monitoring data of sufficient quality and quantity for making final water quality §305(b) assessments and §303(d) listing decisions. Any remaining information and monitoring data not meeting CALM requirements for data sufficiency will be used for a non-attainment assessment decision when those data and information demonstrate compelling evidence of water quality degradation of the overall condition of a waterbody, as defined in Mississippi’s CALM document, and data quality documentation is available. If there is no documented data quality information, data do not meet data quality objectives, and/or data demonstrate potential impairment but at a lesser degree, the waterbody will be placed on a targeted monitoring list to confirm the actual water quality condition.

Section 305(b) water quality assessments are based on one or more different types of monitoring data that have been grouped together by waterbody and then analyzed collectively in order to determine the water quality status or condition of the waterbody. Monitoring data used for §305(b) assessments primarily consist of one or more of the following data types: physical/chemical, biological, habitat, bacteriological, and/or toxicological. Current site-specific ambient monitoring data are considered to most accurately portray water quality conditions. A waterbody is classified as monitored if sufficient (both in quantity and quality) physical, chemical, biological, bacteriological, and/or fish tissue data were collected on the waterbody at any time within the data window established for the §305(b) reporting period. For the 2018 §305(b) report, this data window is from 2012-2016.

Physical and chemical data include parameters such as pH, temperature, dissolved oxygen, nutrients, suspended solids, turbidity, specific conductance, and certain water column toxicants. Chemical monitoring data are compared to applicable numeric water quality criteria as found in MDEQ’s most current version of the WQS document (WQS 11 Miss). This allows MDEQ to determine which pollutant specific numeric criteria are

violated. These criteria are used for aquatic life, recreation, shellfish consumption, and drinking water use assessment.

Biological data may include the community structure of aquatic insects and other benthic macroinvertebrates, fish, or algae as well as the condition of biological habitat in the waterbody. The biota of a waterbody reflects the physical, chemical, and biological integrity of the system and are considered to be direct indicators of Aquatic Life Use Support (ALUS). For Mississippi §305(b) assessments, benthic macroinvertebrate community data are the biological indicator primarily used to determine ALUS. Biological data collected as part of the Mississippi Benthic Index of Stream Quality (M-BISQ), MDEQ's biological monitoring network for wadable streams, have been the primary source of data for ALUS assessments in Mississippi waters, due to rigorous project data quality objectives and a robust data set.

Bacteriological data include water column surveys for fecal coliform bacteria or other bacteriological indicators (i.e., enterococci). These data are used to assess the recreation use for waters to protect the public in swimming and other water related activities. For the 2018 §305(b) assessment, bacteriological data identified as meeting Mississippi CALM requirements were provided by the MDEQ Beach Monitoring Program and MDEQ Recreational Monitoring Network. Fecal coliform data are also used indirectly for assessment of the Shellfish Consumption use. Shellfish Consumption use assessment is accomplished through the review of the current shellfish harvesting classification of Mississippi coastal waters established by the National Shellfish Sanitation Program (NSSP) in Mississippi. The NSSP is administered by the Mississippi Department of Marine Resources (MDMR), and classifies coastal waters in Mississippi as either approved, conditionally approved, restricted or prohibited, based on results of fecal coliform monitoring conducted by MDMR.

Fish tissue data include the analyses of fish flesh for the presence of toxic organic chemicals and metals. For this report, the Fish Consumption Use is assessed only for non-attainment based on whether MDEQ and the Mississippi Department of Health have issued a Fish Tissue Advisory for a waterbody in the state. If an advisory for "restricted" or no consumption is in place and is supported by waterbody-specific fish tissue monitoring, the waterbody is assessed as not attaining this use.

The length of record of the data, the type of data and the frequency of data collection are considered when making use support determinations. According to the Mississippi CALM, at least 10 data points within a five-year period are required for conventional parameters and 10 data points within three years are required for assessment of toxicants. For bacteria data, not including data from the MDEQ Beach Monitoring Program, a minimum of five fecal coliform samples collected over a 30-day period in each season (summer and winter) over two years are necessary for bacteriological assessment. For MDEQ beach monitoring data, a total of 20 enterococci samples are needed in each season over a period of two years to meet CALM requirements.

In general, data utilized in §305(b) assessments are collected, analyzed, and interpreted in a manner consistent with state and USEPA guidelines.

## **Data Quality**

The ability to make meaningful and scientifically defensible statements about the overall status of a waterbody depends directly on the vigor and quality under which the data are collected, analyzed, and reported. Data generated by MDEQ, other agencies, and individuals should be of the quality and quantity necessary to make credible and realistic assessment decisions on the condition of the state's waters. Whenever possible, data need to be of the highest quality and developed using sampling and analytical protocols and standard operating procedures recognized by state and USEPA quality assurance (QA) program plans. Data will not be assessed from data-reporting entities that do not provide data quality information or documented SOPs or procedures to support the data.

## **Waterbody Use Support Determination**

Use support decisions are made based on a cumulative evaluation of all the monitoring data coupled with any other existing and readily available information for an individual waterbody. A detailed description of the assessment methodology used by MDEQ for the 2018 §305(b) Assessment and §303(d) Listing process is provided upon request. The Mississippi CALM describes the minimum data quantity and quality needed to meet data sufficiency requirements for assessment. Decision-making criteria for attainment and non-attainment of each designated use are also presented in that document. These guidelines apply, as appropriate, to rivers, streams, lakes, estuaries, and coastal waters.

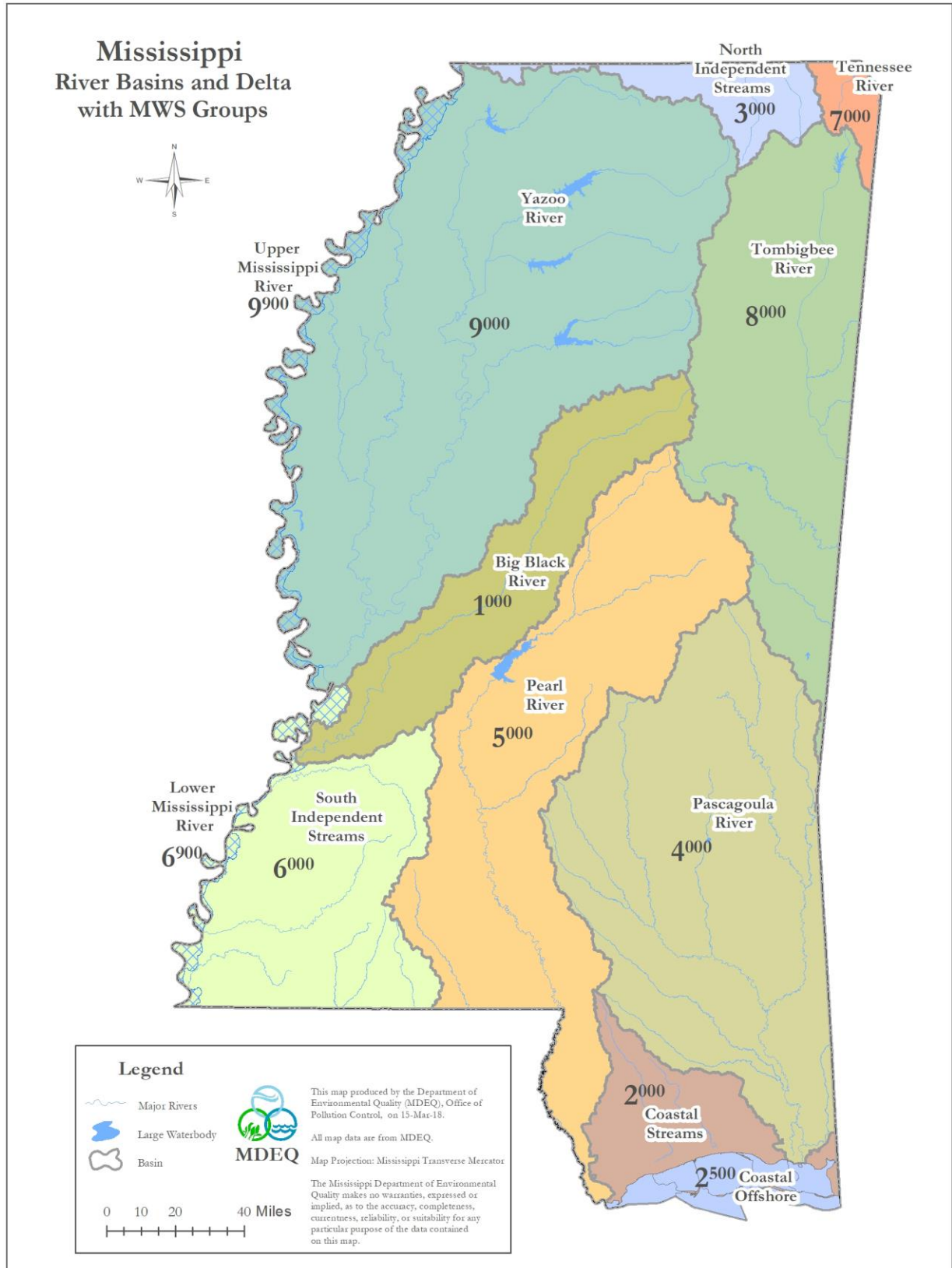
Within the water quality assessment process, a certain degree of uncertainty is inherent for any assessment decision made. The correctness of data analysis is directly dependent on study design, data quantity, data quality, and the accuracy and rigor of the methods used in collection, laboratory analysis, and the assessment process itself. All data used to make formal assessments of the quality of the state's waters, regardless of its source, will be evaluated in keeping with the requirements and guidelines contained in Mississippi's CALM document.

## **Assessment Database (ADB)**

All information collected during the assessment process is placed in Mississippi's version of USEPA's Assessment Database (ADB), which has been customized to facilitate Mississippi's assessment and reporting needs. The ADB is useful for maintaining the quality and consistency of waterbody assessments. Information placed in ADB for each waterbody includes location and description, designated use, assessment types, assessment category (1-5 according to USEPA's Integrated Listing protocol), use support determinations, causes of impairment, and sources of impairment. The ADB allows for the linking of impairment causes and sources with different uses for the same waterbody and is used to generate the various required summary tables for each waterbody type.

All water bodies cataloged in the ADB are also geo-referenced. Using Arc Info software, in conjunction with the National Hydrography Dataset (NHD) coverage, all waterbody assessments are assigned a unique identifier or assessment unit (AU) that is designated according to where the waterbody is located within a 12-digit subwatershed. The 12-digit subwatershed is referred to as the reporting unit (RU). The combination of the RU and the AU results in a 6-digit unique identifier that is cataloged in the ADB to store and track assessment information. The first number identifies the basin in which the waterbody is located. The major basins in the state are numbered 1 through 9 in alphabetical order (e.g. 1 is the Big Black River basin, and 9 is the Yazoo River Basin (Figure 1)). The next three digits in the identifier refer to the specific 12 digit subwatershed within the basin, starting with 001 (e.g. 146 located in the Big Black Basin would be 1146). The final two digits in the identifier refer to a specific stream segment within the subwatershed beginning with 11. For instance, Beaver Creek, with waterbody ID 521413 is stream segment 13 in subwatershed 214 in the Pearl River Basin.

All geo-referenced information is provided to USEPA electronically. In addition, individual segment assessment information, similar to what is provided to USEPA Region IV via electronic data files, can be found in Appendix A. These assessments reflect the attainment status and corresponding category designation as of April 1, 2018.



**Figure 1: Mississippi River Basins and Delta**

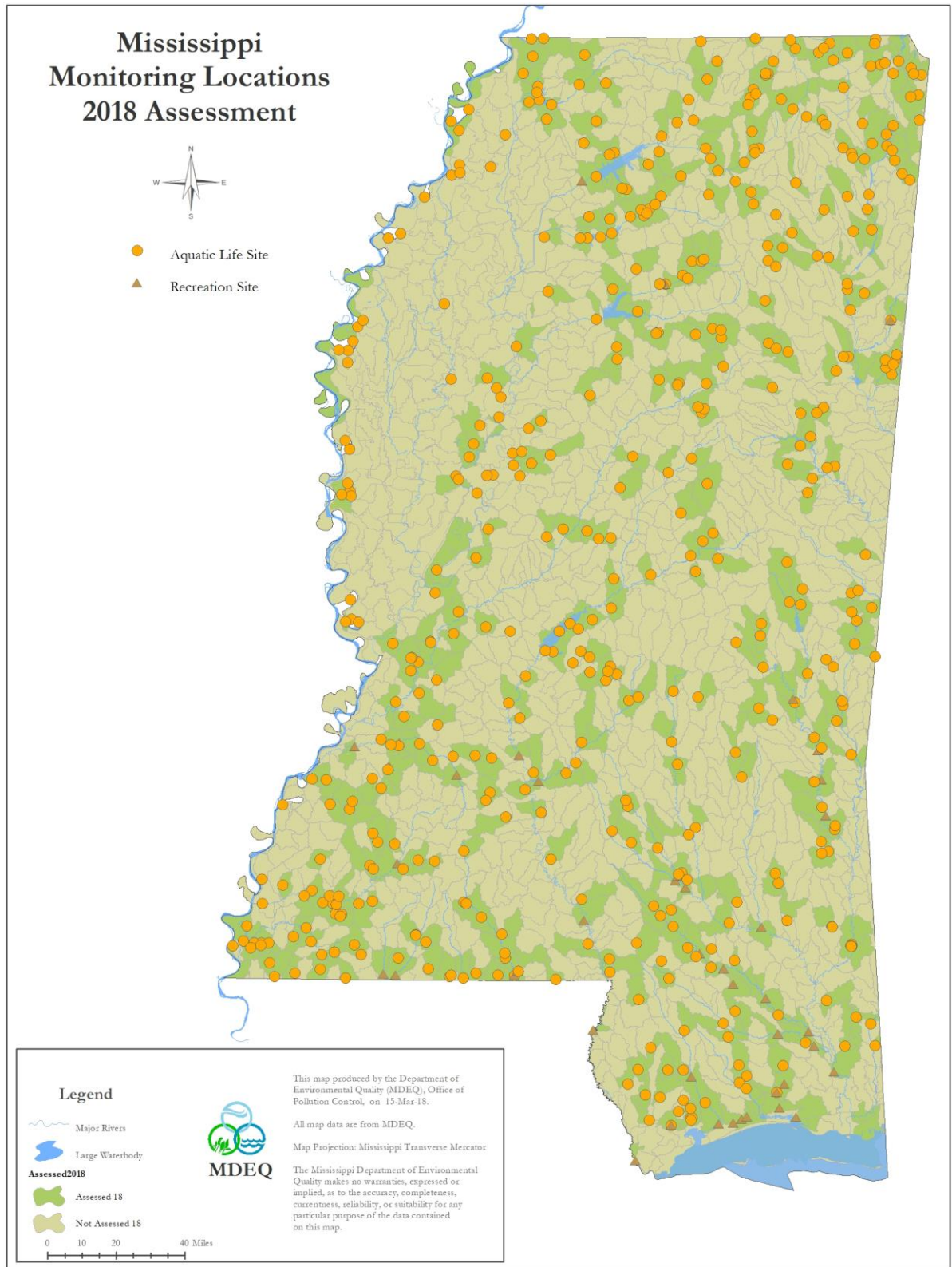
## **Statewide Assessment Summary**

### **Designated Use Support-Rivers and Streams**

For the 2018 §305(b) Water Quality Assessment Report, MDEQ assessed approximately 11% (2,977 miles) of Mississippi's total 26,379 miles of perennial streams and rivers for one or more uses. The status of water quality on the remaining 89% (23,401 miles) of the state's perennial rivers and streams is unknown. MDEQ collected monitoring data at more than 600 river and stream sites in the state (Figure 2).

The low percentage of assessed waters relative to the total stream and river mileage in the state is not an indication of MDEQ's lack of monitoring efforts. The mathematical calculation of miles monitored/assessed is surprisingly low when compared to the total miles of water resources in the state. The resulting assessed mileage is not an accurate depiction of the amount of importance MDEQ places on monitoring the state's surface water resources. It is more a factor of the amount of water resources in the state, available resources, and limitations recommended by USEPA §305(b) guidance on assigning assessed mileage to a monitoring station. As Mississippi's situation attests, it is not practical for a state to monitor all waters for a comprehensive assessment when the state has 82,154 miles of streams and rivers. MDEQ recognizes the need for a combination of monitoring and assessment approaches to address this situation in future assessments. One such tool is probability-based monitoring surveys. This is a more cost-effective and efficient way to produce a statistical estimate, of known confidence, describing the condition of a resource based on a random sampling design. Recommended by USEPA for §305(b) assessments, a state can assess 100% of its waters utilizing a probabilistic approach. MDEQ is currently using this methodology as part of the Mississippi Coastal Assessment Program and is planning to expand the probabilistic approach to the state's freshwater resources as funding allows.





**Figure 2: River and Stream Monitoring Locations in Mississippi**

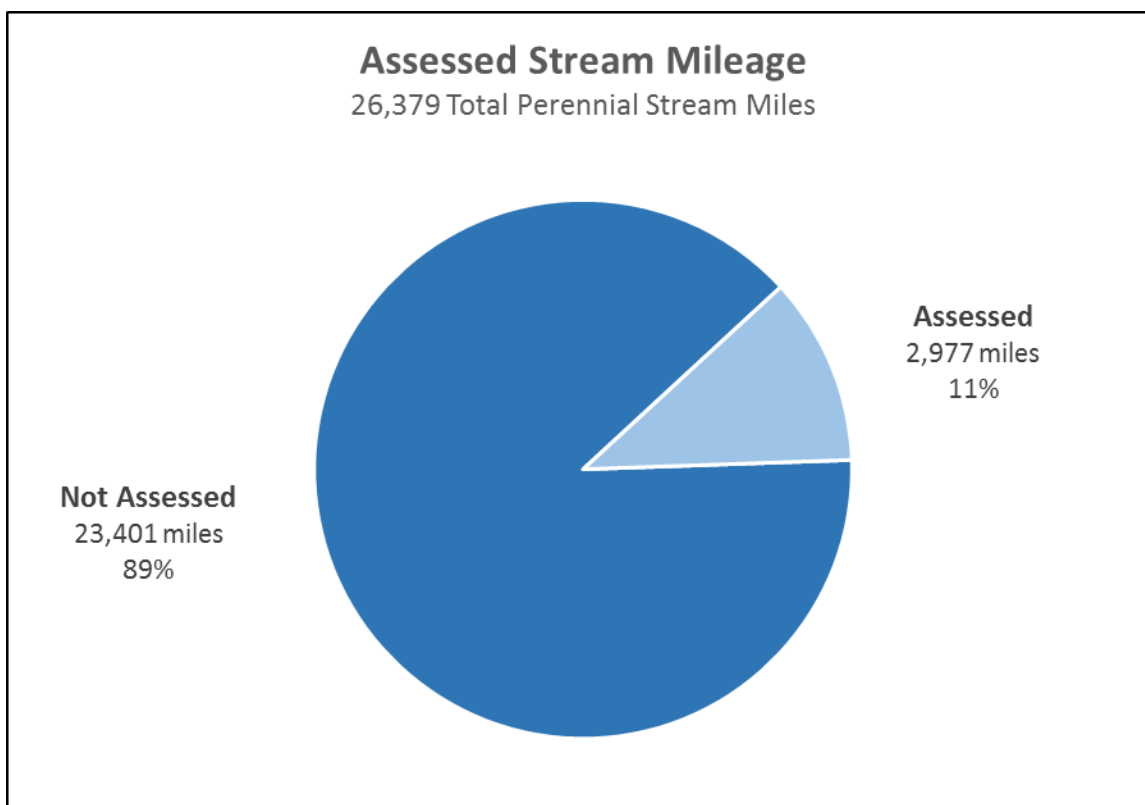


For water bodies with multiple uses assessed, the ADB automatically assigns the waterbody mileages according to the Integrated Reporting category system. This categorization system assigns a waterbody use into one of five categories:

- Category 1: Attaining all uses
- Category 2: Attaining some uses but insufficient information for assessment of other uses
- Category 3: Insufficient information to assess any use
- Category 4: Not attaining a use but a TMDL is not necessary
- Category 5: Not attaining a use and a TMDL is needed

USEPA defines a Category 1 water as having sufficient data to prove there is no impairment for any potential designated use of that waterbody. Mississippi currently has no water bodies assigned to Category 1 due to USEPA requirements that all uses be assessed. Mississippi's assessments are placed in categories 2-5.

Of Mississippi's 26,379 total perennial stream and river miles, approximately 11% (2,977 miles) were assessed (Figure 3).



**Figure 3: Assessed Stream Mileage Perennial Rivers and Streams**

## **Causes and Sources of Impairment of Designated Uses- Rivers and Streams**

Causes and sources of impairment were assigned for streams and rivers having one or more uses impaired. Total assessed sizes of streams and rivers affected by various cause categories are given in Table 3 and depicted in Figure 4. The largest percentage (42%) of miles of assessed water bodies not meeting their designated uses are categorized as biologically impaired. For the biologically impaired waters, the next step in the water quality management process is to conduct stressor identification analyses to identify the stressor(s) causing the impairment. Once the stressor(s) are identified, the TMDL process, where applicable, can proceed. For stressors identified that are attributed to pollution (i.e., a dam or levee) where TMDLs cannot be generated, other water quality management actions will be considered through the Basin Management Approach. Most of these impairments were determined during the stressor identification process. Twenty-two percent of impairments are caused by sediment. Pathogens are indicated as the cause of impairment in 12% of the non-attaining water bodies. Other impairments were attributed to pH, nutrients, organic enrichment/low dissolved oxygen, and pesticides.

The largest percentage of impairment is identified as biological, and the specific sources of the impairment are yet to be determined. As a result, unknown sources contribute to the majority of river miles assessed as not attaining one or more uses. To a lesser extent, pollutants are contributed by contaminated sediments, unspecified nonpoint source activities (i.e., urban, agricultural, silvicultural, and/or industrial runoff), and other smaller sources. As stated above, stressor identification analyses will be conducted for biologically impaired waters to identify sources of pollution contributing to impairment.

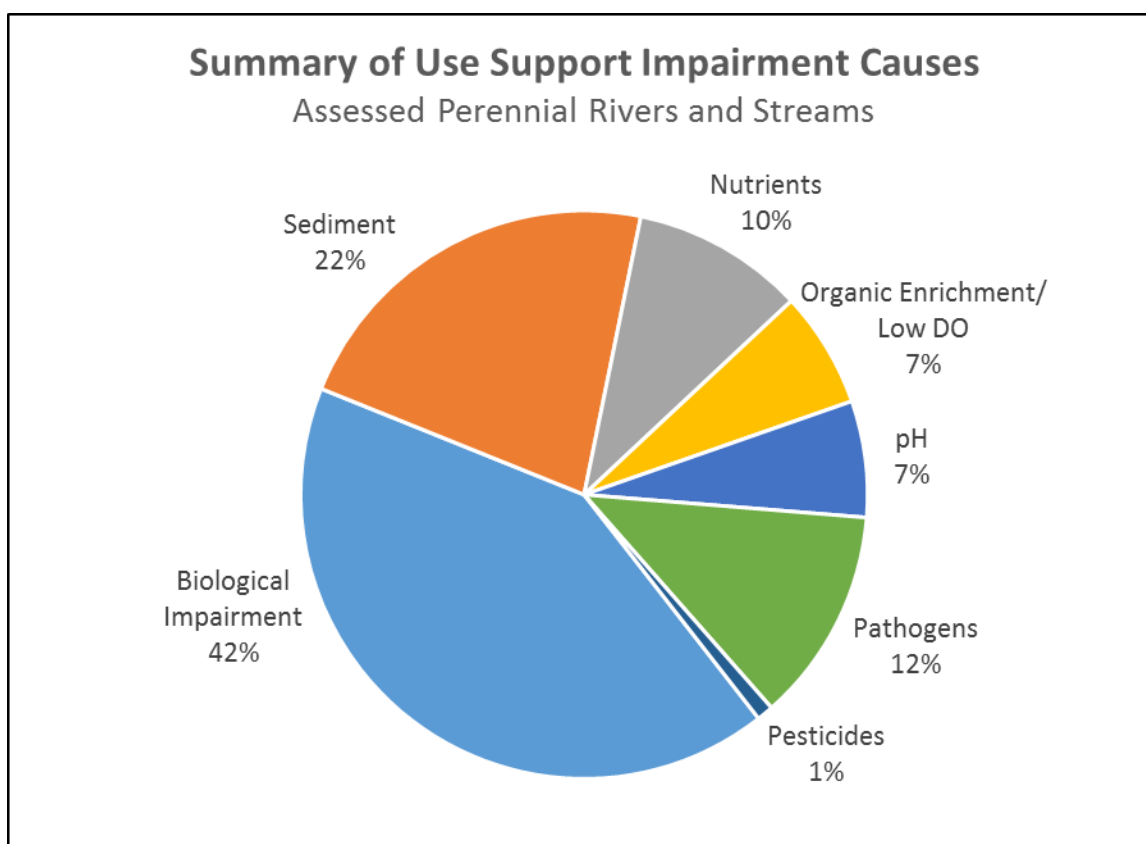
**Table 3: Summary of Use Support Impairment Causes for Rivers and Streams**

<b>Cause Categories</b>	<b>Total Size Miles</b>
Biological Impairment**	758
Nutrients	179
Sedimentation/Siltation	403
Pathogens	222
Organic Enrichment/Low DO	120
pH	121
Pesticides	17
Total***	1,820

\*\*Definitive cause identification is not possible at the time of assessment.

Designation used to report on waters where biological indicators (macroinvertebrates) were used and impairment was indicated but further investigation needed to identify the cause of the impairment.

\*\*\*Total exceeds number of actual impaired miles due to presence of multiple impairment causes per assessed waterbody.

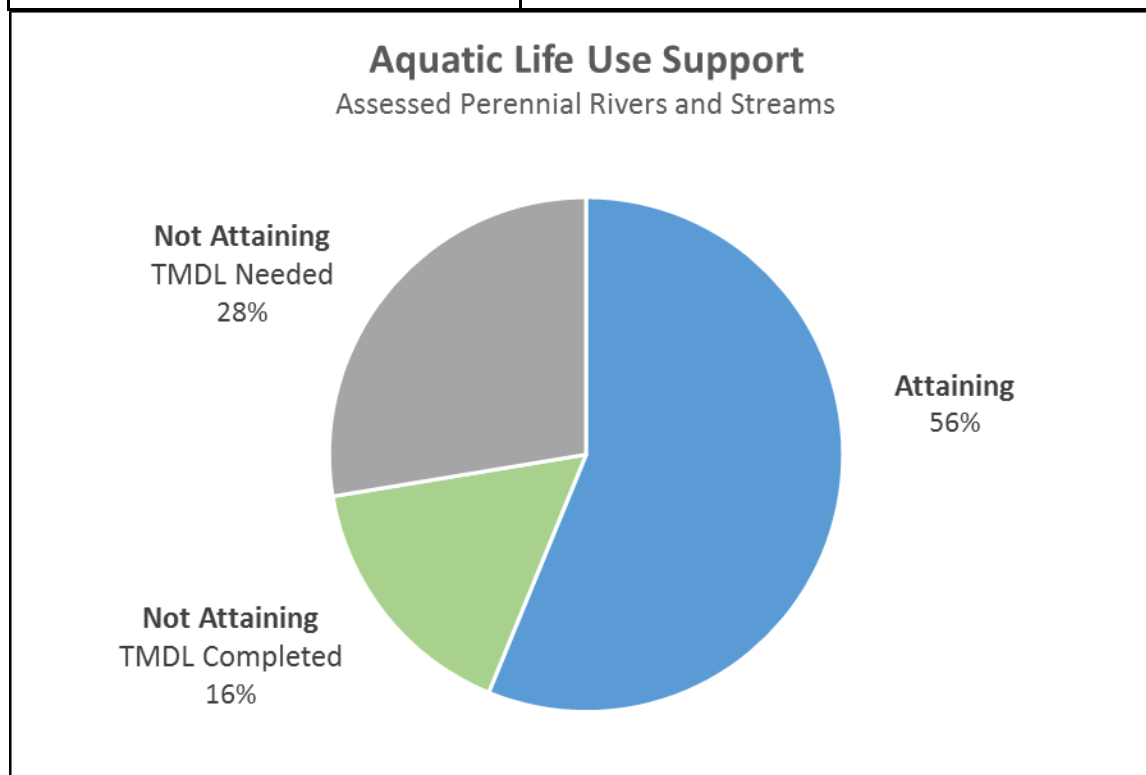
**Figure 4: Summary of Use Support Impairment Causes: Rivers and Streams**

## Assessment Summary for ALUS and Recreation

Assessments for miles of perennial rivers and streams are cataloged by use. A waterbody may have several different uses assessed. Therefore, numbers represented in Tables 4 and 5 are different from the mileages presented earlier in this chapter. The following tables and figures provide the assessment summaries for Aquatic Life Use Support and Recreation Use Support. Fish Consumption use has also been assessed and can be found in Part III of this report. These mileages represent the attainment status assessed for a specific use. Figures 5 and 6 give a summary of use support according to the individual uses assessed.

**Table 4: Aquatic Life Use Support Summary for Perennial Rivers and Streams**

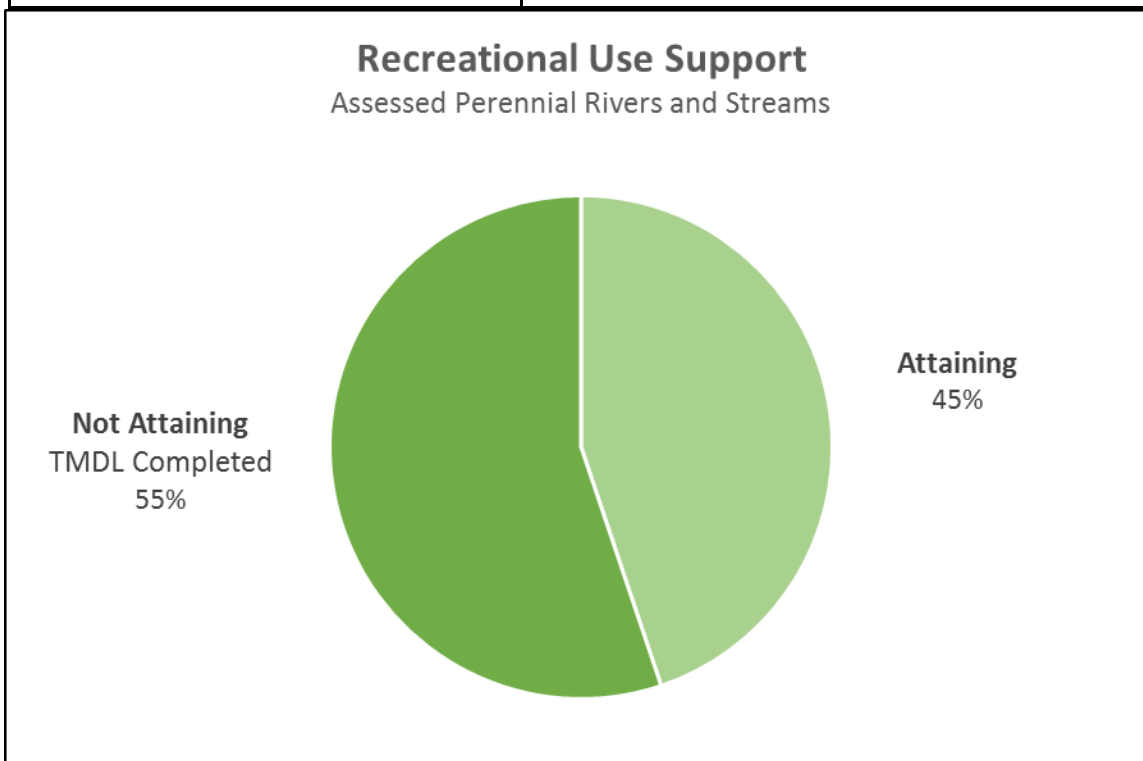
Status	Miles
Attaining	1,667
Unknown	23,401
Total Not Attaining	1,311
TMDL completed	481
TMDL needed	818
TMDL not applicable	12
Total Perennial Miles	26,379



**Figure 5: Aquatic Life Use Support Summary**

**Table 5: Recreation Use Support Summary for Perennial Rivers and Streams**

Status	Miles
Attaining	180
Unknown	25,976
Total Not Attaining	223
TMDL completed	221
TMDL needed	2
Total Perennial Miles	26,379

**Figure 6: Recreation Use Support Summary**

## **Designated Use Support – Estuaries and Coastal Waters**

Mississippi has approximately 84 miles of coastal shoreline between the Alabama/Louisiana state boundaries and 758 square miles of coastal waters including large estuaries, smaller bays and tidal rivers, creeks, and bayous. Inland or bay type estuaries include St. Louis Bay, Back Bay of Biloxi, and Pascagoula Bay. The state's largest estuary (550 square miles) is the Mississippi Sound which extends from the southern edge of the state's contiguous land mass to the Gulf of Mexico and a chain of barrier islands (Cat, Ship, Horn, and Petit Bois Islands) located approximately 11 miles offshore. The state also classifies the Gulf of Mexico as an estuary within Mississippi waters to the state boundary located three miles south of the barrier islands.

## **Aquatic Life Use Support (ALUS) Assessment**

Through the establishment of the Mississippi Coastal Assessment Program (MCA), MDEQ has continued to coordinate the sampling effort that was initiated as part of USEPA's National Coastal Assessment (NCA) monitoring. This monitoring builds upon the data generated through NCA by using the same probabilistic station selection process and collecting data at 25 sites annually. MDEQ's MCA program monitors the core ecological indicators established by the NCA program. Each year, a new set of 25 randomly selected sites are sampled from July – September by MDEQ in cooperation with the University of Southern Mississippi Gulf Coast Research Laboratory (GCRL) in the state's estuaries representing two different strata: large estuaries and small estuaries. Probabilistic site selection is provided by USEPA-Gulf Breeze.

Assessments were based on three conventional parameters: dissolved oxygen, pH, and temperature. These data were used to assess ALUS attainment. Based on MCA data analysis, approximately 98% of all Mississippi coastal waters fully support aquatic life use for these three parameters (Table 6). Results can be further broken down by waterbody type and are provided in Table 7.

**Table 6: MCA Conventional Parameter Summary – All MS Coastal Waters**

Classification	Dissolved Oxygen		Temperature		pH	
All Mississippi Coastal Waters	Attaining	98 %	Attaining	98%	Attaining	99%
	Not Attaining	2%	Not Attaining	2%	Not Attaining	1%

**Table 7: MCA Conventional Parameter Summary – MS Coastal Waters by Strata**

Classification	Dissolved Oxygen		Temperature		pH	
Large Estuaries	Attaining	99%	Attaining	100%	Attaining	100%
	Not attaining	1%	Not attaining	0%	Not attaining	0%
Small Estuaries	Attaining	100%	Attaining	92%	Attaining	100%
	Not Attaining	0%	Not Attaining	8%	Not Attaining	0%
Tidal Rivers and Bayous	Attaining	94%	Attaining	94%	Attaining	94%
	Not Attaining	6%	Not Attaining	6%	Not Attaining	6%

The larger percentage of low dissolved oxygen in tidal rivers and bayous is due to several factors. Low dissolved oxygen conditions are common in constricted coastal waters such as tidal rivers and bayous with most of these conditions naturally occurring during the summer months. Although localized dissolved oxygen problems due to anthropogenic pollution sources can and do occur, naturally high water temperatures, saline/freshwater stratification, and salt marsh interactions are prevalent in Mississippi tidal rivers and bayous and frequently combine to cause periods of low dissolved oxygen.

## **Recreation Use Support Assessment**

For the 2018 §305(b) assessment, data from the MDEQ Coastal Beach Monitoring Program were used to assess recreation use support in Mississippi estuarine and coastal shoreline waters. MDEQ, in conjunction with the GCRL, conducts routine bacteria and water chemistry sampling activities at 21 beach stations located along Mississippi's Gulf Coast. The bacterial indicator used for recreation use support assessment purposes in marine and estuarine waters is enterococci. Further information on this monitoring program can be found in Part IV: Coastal Beach Monitoring Network.

Of the 42 miles of Mississippi's public beaches, 25 miles were assessed using the MDEQ Beach Monitoring Program data. Based on these data, 24 miles or 60% of the beaches in Mississippi were attaining primary contact recreation. It should be noted that this assessment represents a five-year reporting period. Beaches are routinely monitored and are safe for swimming unless a beach advisory is in effect. To learn more about Mississippi's beach advisories, see Part III of this report.



## **Lakes: Statewide Assessment Summary**

### **Lake Water Quality**

Mississippi is covered with hundreds of publicly owned lakes, reservoirs, and ponds totaling approximately 260,000 acres. The largest lakes in Mississippi are man-made reservoirs. Grenada Reservoir, Enid Reservoir, Sardis Reservoir and Arkabutla Reservoir in the Yazoo River Basin are used for flood control. The Ross Barnett Reservoir (Pearl River Basin) is used as a source of drinking water for the City of Jackson. All of these large reservoirs support numerous other recreational activities. Pickwick Lake, in the state's northeast corner, is an impoundment of the Tennessee River and is shared with Alabama and Tennessee.



Lake Lee Washington County MS. Photo taken by Charles E. Sullivan

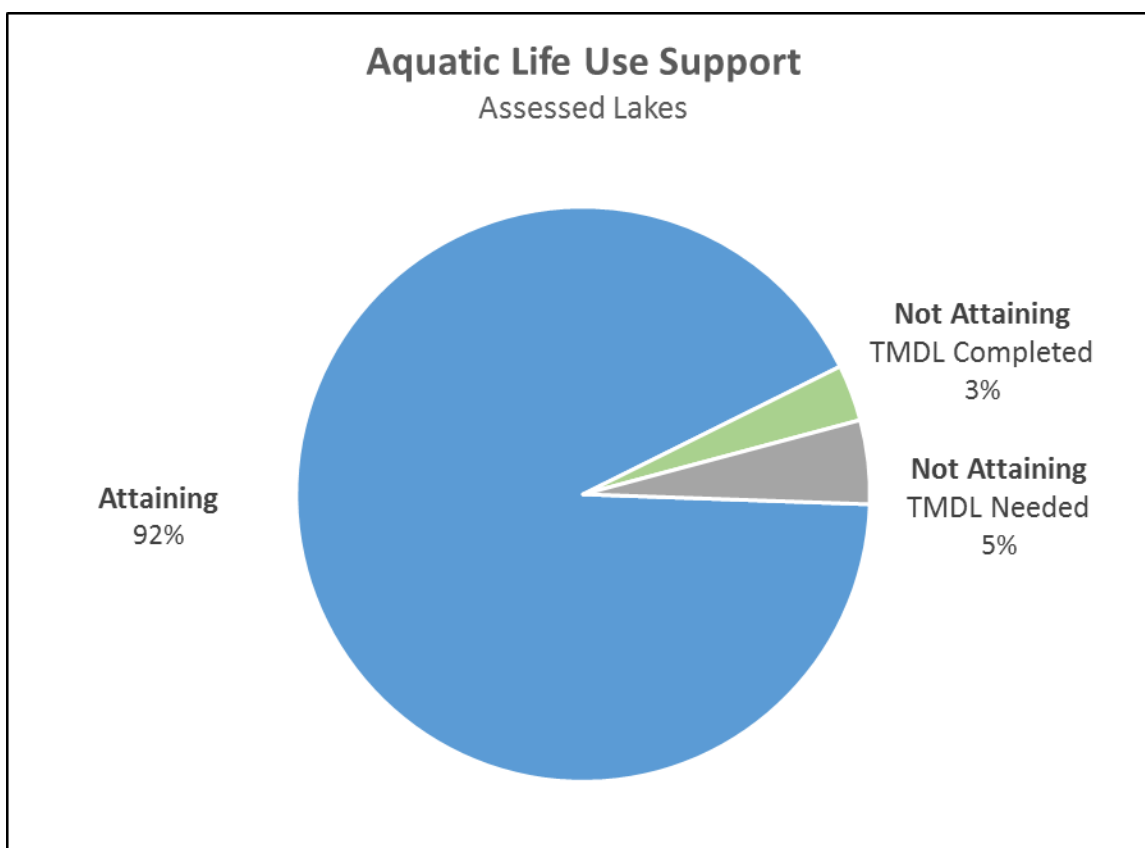
### **Use Support Determinations**

For the 2018 §305(b) Water Quality Assessment report, MDEQ assessed approximately 62% of Mississippi's total 259,533 lake acres for trophic status (see discussion under Section 314 reporting), and 47% for Aquatic Life Use Support. No lakes data were available for recreation use support assessment. Fish consumption use support assessment for lakes can be found in Part III of this report.

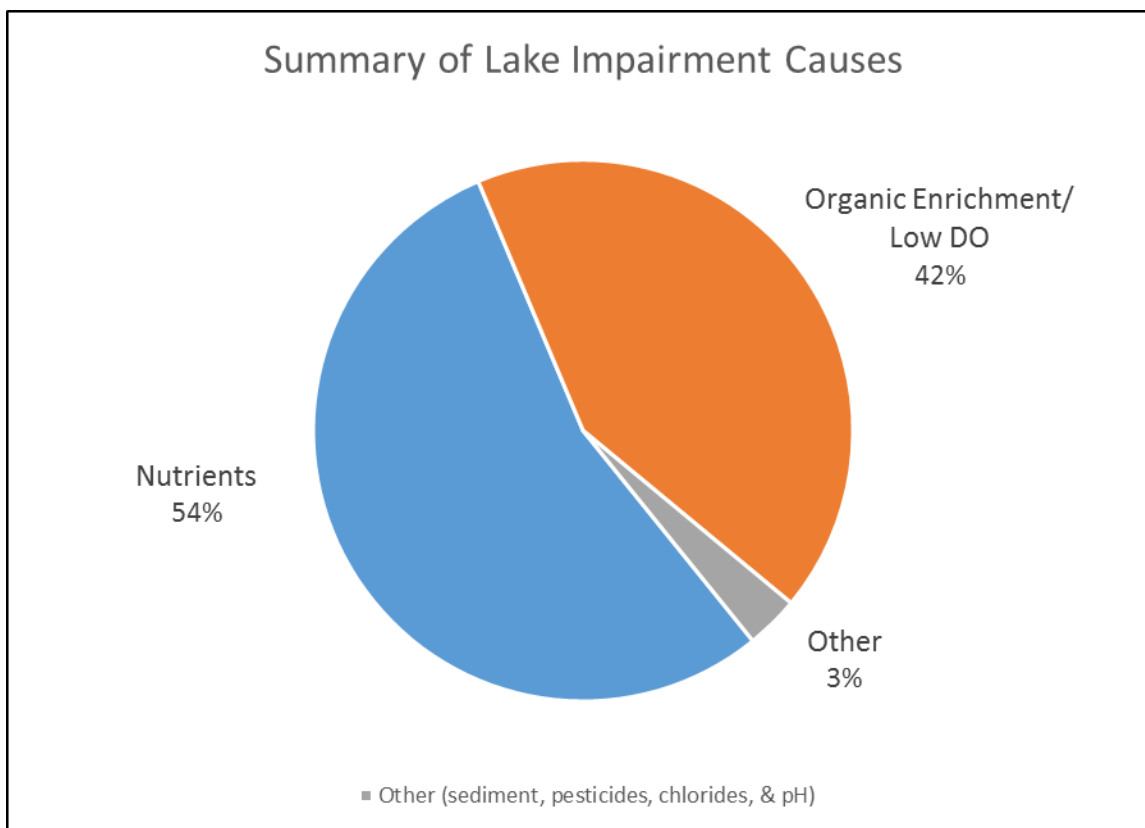
In 2009, MDEQ re-established the Ambient Lakes Monitoring Program as part of the Statewide Ambient Network. As part of the lakes monitoring, MDEQ focuses on monitoring public lakes and reservoirs. MDEQ collects samples from approximately 20 public lakes (greater than 100 acres in size) annually. Lakes are monitored for traditional physical, chemical, and biological water quality parameters using the protocol that was developed for nutrient criteria development. A list of these lakes can be found in MDEQ's Surface Water Monitoring Plan (2015).

## Assessment Summary for ALUS Determinations

Aquatic life use support determinations for all lakes assessed for the 2018 §305(b) report were based upon comparison of measurements of specific chemical parameters (temperature, pH, dissolved oxygen, specific conductivity and total dissolved solids) to water quality standard values presented in the Assessment Methodology section of CALM, or compelling evidence of impairment of nutrient enrichment. Of the lakes assessed for ALUS, 92% were attaining, while 8% were not attaining. Of the 8% not attaining, 3% have a completed TMDL and 5% need a TMDL (Figure 7). Lakes needing a TMDL were determined to be impaired due to a primarily nutrients and organic enrichment/low dissolved oxygen (Figure 8).



**Figure 7: Aquatic Life Use Support Summary: Lakes**



**Figure 8: Summary of Use Support Impairment Causes: Lakes**

## Section 314 Reporting-Trophic Status

Section 314 of the Clean Water Act directs each state to prepare or establish the following: an identification and classification according to eutrophic conditions of all publicly-owned lakes in such state; a description of procedures, processes, and methods (including land use requirements), to control sources of pollution of such lakes; a description of methods and procedures, in conjunction with appropriate federal agencies, to restore the quality of such lakes; methods and procedures to mitigate the harmful effects of high acidity; a list and description of lakes for which uses are known to be impaired and an assessment of the status and trends of water quality in lakes.

Requirements such as these have led to the development of various indices that enable researchers to classify water bodies based on the amount of biological production that is occurring within that waterbody (Brezonik 1984, Carlson 1977). These indices vary in approach with respect to variables and their classification index range, but they are based on the same concepts: that the trophic state of a lake is an important component in determining the productivity of a waterbody; that an index can be useful in determining the trophic state of a waterbody; and that indicating whether it is suitable for fishing or swimming.

Trophic state is not synonymous with water quality. Although the terms are related, they should not be used interchangeably. Trophic state is a scale that describes the condition of a waterbody based on its productivity. The trophic scale is a division of variables used in the definition of trophic state and is not subject to change because of the attitude or biases of the observer (Carlson and Simpson 1996).

The most widely used index for classifying lake trophic status is Carlson's Trophic State Index (USEPA 2006). This index is based on the relationship that changes in nutrient levels cause changes in algal biomass which results in changes in lake clarity. Simply, it is a measure of a lake's trophic state from oligotrophy (very clear water, nutrient poor and with high dissolved oxygen year round) to eutrophy (more productive, more plant biomass and high nutrient level) (Carlson and Simpson 1996). Three variables are commonly used to calculate Carlson's Trophic State Index (TSI) for a lake: Secchi Depth; Chlorophyll a; and Total Phosphorus.

The TSI for each parameter is calculated according to the following formulas:

Secchi Depth:

$$TSI = 60 - [14.41 \ln \text{Secchi depth (meters)}]$$

Chlorophyll a:

$$TSI = [9.81 \ln \text{Chlorophyll a (ppb)}] + 30.6$$

Total Phosphorus:

$$TSI = [14.42 \ln \text{Total Phosphorus (ppb)}] + 4.15$$

Table 8 shows the typical ranges of TSI scores and water quality parameters associated with the three trophic states of a lake.

**Table 8: Carlson's Trophic State Index (Adapted from Addy and Green 1996).**

	TSI	Secchi Depth (m)	Chlorophyll a (ppb)	Total Phosphorus (ppb)
Oligotrophic	<39	>4	<2.6	<12
Mesotrophic	40-50	2-4	2.6-7.2	12-24
Eutrophic	50-110	<2	>7.2	>24

Carlson's index was developed to be used with lakes that have few rooted aquatic plants and little non-algal turbidity.

Based on these assumptions, this index is not ideally suited for the majority of Mississippi lakes. However, a literature review indicated that Carlson's index is the most commonly used trophic state assessment tool in the Southeast, and it appears to be the most appropriate index currently available.

These trophic assessments are based on data collected in during the 2012-2016 reporting window. The lakes were sampled a minimum of six times, once in the spring, once in the fall and four times during the summer.

Based on these data, the Carlson Index indicated that all but three of the lakes sampled were eutrophic. Bay Springs Lake in the Tombigbee Basin, Lake Mohawk in the North Independent Streams, and Long Creek Reservoir in the Pascagoula River are mesotrophic. The TSI based on secchi depth seems to provide the best assessment of trophic status for Mississippi lakes. This could be due to the fact that nutrients in Mississippi often enter water bodies along with soil particles from agricultural fields or other runoff. Therefore, low secchi depth may also be correlated with increased nutrients and productivity. For example, lakes may be muddy during the spring and early summer months with limited light penetration preventing significant algal growth. However, as water clears later in the summer and fall, the available nutrients can cause rapid phytoplankton growth. The trophic status for each lake is provided in Table 9.

Clay, turbidity, and pH also affect the bio-availability of phosphorus. Low pH reduces the solubility while phosphorus binds onto the clay preventing it from dissolving efficiently into the water column (Reicke 2005, Oldham 2003, Greenwood and Earnshaw 2002). Thus, TSI for phosphorus may not be an appropriate variable to measure in Mississippi for use in this index.

Oligotrophy vs. mesotrophy vs. eutrophy is not a reflection of whether a waterbody is "good," "fair," or "poor" as different trophic states are suitable for different activities. An oligotrophic lake may be more desirable for swimming, whereas a eutrophic lake may be more desirable for fishing (Addy and Green 1996). An oligotrophic or a eutrophic

lake has attributes of production that remain constant regardless of the use of the water or where the lake is located (Carlson and Simpson 1996). Some lakes are naturally eutrophic, because trophic state is a reflection of a lake's physical condition. Size and shape of the lake, residence time, geology, soils and size of the watershed all play a role in trophic state. Additionally, man-made reservoirs tend to become eutrophic more rapidly than natural lakes, since there is a tendency for these reservoirs to revert back to their original states, typically a stream system or marsh. Natural eutrophication occurs over thousands of years; but human activities can accelerate the process by introducing fertilizers, pesticides and sediments (Addy and Green 1996).

**Table 9: Carlson's Trophic Status of Lakes**

<b>Basin</b>	<b>Lake Name</b>	<b>Carlson's Trophic Status Index</b>
Big Black River	Lake Lorman	Eutrophic
North Independent Streams	Horn Lake	Eutrophic
North Independent Streams	Lake Mohawk	Mesotrophic
Pascagoula River	Archusa Creek Water Park	Eutrophic
Pascagoula River	Beaver Lake	Eutrophic
Pascagoula River	Bonita Reservoir	Eutrophic
Pascagoula River	Flint Creek Reservoir	Eutrophic
Pascagoula River	Geiger Lake (Paul B Johnson State Park)	Eutrophic
Pascagoula River	Hennington Lake	Eutrophic
Pascagoula River	Lake Bogue Homo	Eutrophic
Pascagoula River	Little Black Creek Reservoir	Eutrophic
Pascagoula River	Long Creek Reservoir	Mesotrophic
Pascagoula River	Maynor Creek Water Park	Eutrophic
Pascagoula River	Okatibbee Lake	Eutrophic
Pearl River	Anchor Lake	Eutrophic
Pearl River	Beaver Lake	Eutrophic
Pearl River	Crystal Lake	Eutrophic
Pearl River	Dixie Springs Lake	Eutrophic
Pearl River	Lake Hide-A-Way	Eutrophic
Pearl River	Ross Barnett Reservoir	Eutrophic
South Independent Streams	Artonish Lake	Eutrophic
South Independent Streams	Butler Lake	Eutrophic
South Independent Streams	Fields Lake	Eutrophic
South Independent Streams	Flatland Lake	Eutrophic
South Independent Streams	Gillirad Lake	Eutrophic
South Independent Streams	Hurricane Lake	Eutrophic
South Independent Streams	Lake Copiah	Eutrophic
South Independent Streams	Lake Mary	Eutrophic
Tennessee River	Indian Creek (Pickwick Lake)	Eutrophic
Tennessee River	Yellow Creek (Pickwick Lake)	Eutrophic
Tombigbee River	Aberdeen Lake	Eutrophic
Tombigbee River	Bay Springs Lake	Mesotrophic
Tombigbee River	Bluff Lake	Eutrophic
Tombigbee River	Columbus Lake	Eutrophic
Tombigbee River	Davis Lake	Eutrophic
Tombigbee River	Lake Tom Bailey	Eutrophic
Tombigbee River	Loakfoma Lake	Eutrophic
Tombigbee River	Pool C	Eutrophic
Tombigbee River	Trace State Park Lake	Eutrophic
Upper Mississippi River	Lake Chotard	Eutrophic
Yazoo River	Arkabutla Lake	Eutrophic
Yazoo River	Bailey Lake	Eutrophic
Yazoo River	Bee Lake	Eutrophic

**Table 9: Carlson's Trophic Status of Lakes (Continued)**

<b>Basin</b>	<b>Lake Name</b>	<b>Carlson's Trophic Status Index</b>
Yazoo River	Chewalla Lake	Eutrophic
Yazoo River	Desoto Lake	Eutrophic
Yazoo River	Dump Lake	Eutrophic
Yazoo River	Eagle Lake	Eutrophic
Yazoo River	Eagle Lake (Little)	Eutrophic
Yazoo River	Enid Lake	Eutrophic
Yazoo River	Grenada Lake	Eutrophic
Yazoo River	Hard Cash Lake	Eutrophic
Yazoo River	Lake Beulah	Eutrophic
Yazoo River	Lake George	Eutrophic
Yazoo River	Lake Henry	Eutrophic
Yazoo River	Lake Lee	Eutrophic
Yazoo River	Lake Washington	Eutrophic
Yazoo River	Lake Whittington	Eutrophic
Yazoo River	Lower Lake	Eutrophic
Yazoo River	Moon Lake	Eutrophic
Yazoo River	Mossy Lake	Eutrophic
Yazoo River	Roebuck Lake	Eutrophic
Yazoo River	Sardis Lake	Eutrophic
Yazoo River	Sixmile Lake	Eutrophic
Yazoo River	Snow Lake	Eutrophic
Yazoo River	Tchula Lake	Eutrophic
Yazoo River	Toby Tubby Creek (Sardis Lake)	Eutrophic
Yazoo River	Tunica Cutoff	Eutrophic
Yazoo River	Wasp Lake	Eutrophic
Yazoo River	Wolf/Broad Lake	Eutrophic



## **Lake Pollution Control Methods**

There several state and local programs with oversight of pollution sources for lakes in Mississippi. Point sources are regulated by MDEQ through issuance and enforcement of NPDES permits ensuring that lake water quality complies with Mississippi's water quality standards. If an existing or proposed point source discharge is found to be detrimental to a lake's water quality, alternative discharge sites are investigated.

Nonpoint source pollution is the major source of pollution to Mississippi's lakes. Several lakes have been targeted for demonstration projects in the Nonpoint Source (NPS) Program. Mississippi's NPS Program has identified control measures to address nonpoint source problems and is working with the agencies and groups which will implement the measures.

Local units of government can play an important role in protecting lakes. Counties or municipalities may adopt land use ordinances or regulations that can be more effective than statewide programs in protecting lakes.

MDEQ's Wetlands Program also plays a role in protecting lakes. Wetlands serve as valuable fish and wildlife habitat, and as effective natural filters of pollutants entering streams and lakes. MDEQ strives to minimize wetlands losses around lakes. In addition, the creation or restoration of wetland acres is a measure to control NPS pollution entering lakes.



## **PART III**

# **PUBLIC HEALTH CONCERNS AND ADVISORIES**

# Public Health Concerns and Advisories

## Introduction

Toxic pollutants and pathogenic organisms in our environment are a widespread and growing public concern. As MDEQ turns its attention more toward risk assessment and public health, levels of toxic pollutants and pathogens in water, sediment, and fish tissue become increasingly important.

Monitoring for toxins and bacteriological indicators of pathogens in surface waters is accomplished through several data collection activities by MDEQ as well as other state and federal agencies. MDEQ monitoring activities for toxicants and bacteria include water column, sediment, and/or fish tissue sampling from: ambient fixed station network program monitoring, emergency response to pollutant spills or discharges, hazardous waste program investigations, and special monitoring studies for pollutants of state, regional, or national environmental concern (e.g., mercury, dioxin).



Results from these monitoring activities may lead MDEQ and/or other partnering state agencies to issue public health advisories or restrictions on the use of affected water bodies when unsafe levels of pollutants are detected. In some cases, a “blanket” public health advisory may be issued as a general precaution for

areas where the pollutant(s) may impact a broad area, is pervasive, and/or the pollutant source is not readily controllable (i.e., atmospheric deposition of mercury). Monitoring of the affected geographic area is continued and expanded as necessary to ensure the public health advisory is maintained as long as warranted.

## **Fish Tissue Contamination**

Most of the water bodies in Mississippi with elevated levels of toxicants have some form of the toxicant present in fish tissue. In addition, with one of the CWA goals being to maintain fishable waters and ensure attainment of fish consumption use, fish tissue monitoring and assessment are of primary importance in water quality management activities. Major fish toxicant issues include continued concern over pesticides in the Yazoo River Basin (Delta region) and mercury contamination in several areas of the state. The fish consumption advisories and commercial fishing bans presently in effect are listed in Table 10 and shown in Figure 9.

**Table 10: Fish Tissue Advisories in Mississippi**

<b>MISSISSIPPI'S FISH TISSUE ADVISORIES AND COMMERCIAL FISHING BANS July 2011</b>			
<b>WATERBODY</b>	<b>CHEMICAL</b>	<b>DATE ISSUED</b>	<b>ACTION</b>
Little Conehoma Creek and Yockanookany River in Attala and Leake Counties. From Hwy 35 near Kosciusko, downstream to Hwy 429 near Thomastown	PCB's	June 1987	Consumption Advisory All Species Commercial Fishing Ban
Lake Susie, Oxbow Lake of Old Tallahatchie River in Panola County west of Batesville.	PCB's	Nov. 1989	Same as above
Escatawpa River from the Alabama state line to I-10.	Mercury	May 1995	Limit Consumption Advisory for largemouth bass and large catfish (>27 in.)*
Bogue Chitto River, entire length in MS.	Mercury	May 1995	Same as above
Yockanookany River, entire length.	Mercury	May 1995	Same as above
Pearl River from Hwy 25 near Carthage, downstream to the Leake County Water Park.	Mercury	June 2001	Same as above
Enid Reservoir	Mercury	May 1995	Same as above
Yocona River from Enid Reservoir downstream to the confluence with the Tallahatchie River.	Mercury	Sept. 1996	Same as above
Pascagoula River, entire length.	Mercury	Sept. 1996	Same as above
Archusa Creek Water Park	Mercury	Sept. 1996	Same as above
Grenada Lake and Yalobusha River from the dam downstream to Holcomb.	Mercury	June 2001	Same as above
Mississippi Delta - all waters from the mainline Mississippi River Levee on the West to the Bluff hills on the East except where removed below.**	DDT, Toxaphene	June 2001	Limit Consumption Advisory for carp, buffalo, gar, and large catfish (>22 in.)****
Gulf of Mexico	Mercury	May 1998	King Mackerel <33" - no limit, 33-39" limit consumption***, >39" - do not eat
<p>* The Mississippi State Health Department recommends that people limit the amount of bass and large catfish that they eat from these areas, because of high levels of mercury in the fish. Children under seven and women of child bearing age should eat no more than one meal of these fish every two months. Other adults should eat no more than one meal of these fish every two weeks.</p> <p>** Steele BayouBlack Bayou Bee Lake Recon Lake Lake Charlie Capps</p> <p>*** The Mississippi State Health Department recommends that people limit the amount of 33-39" King Mackerel they eat from the Mississippi Gulf Coast. Children under seven and women of child bearing age should eat no more than one meal of these fish every two months. Other adults should eat no more than one meal of these fish every two weeks.</p> <p>****The Mississippi State Health Department recommends that people limit amount of carp buffalo, gar and large catfish from these areas, because of high levels of DDT and Toxaphene in the fish. Adults should eat no more than 2 meals per month.</p>			

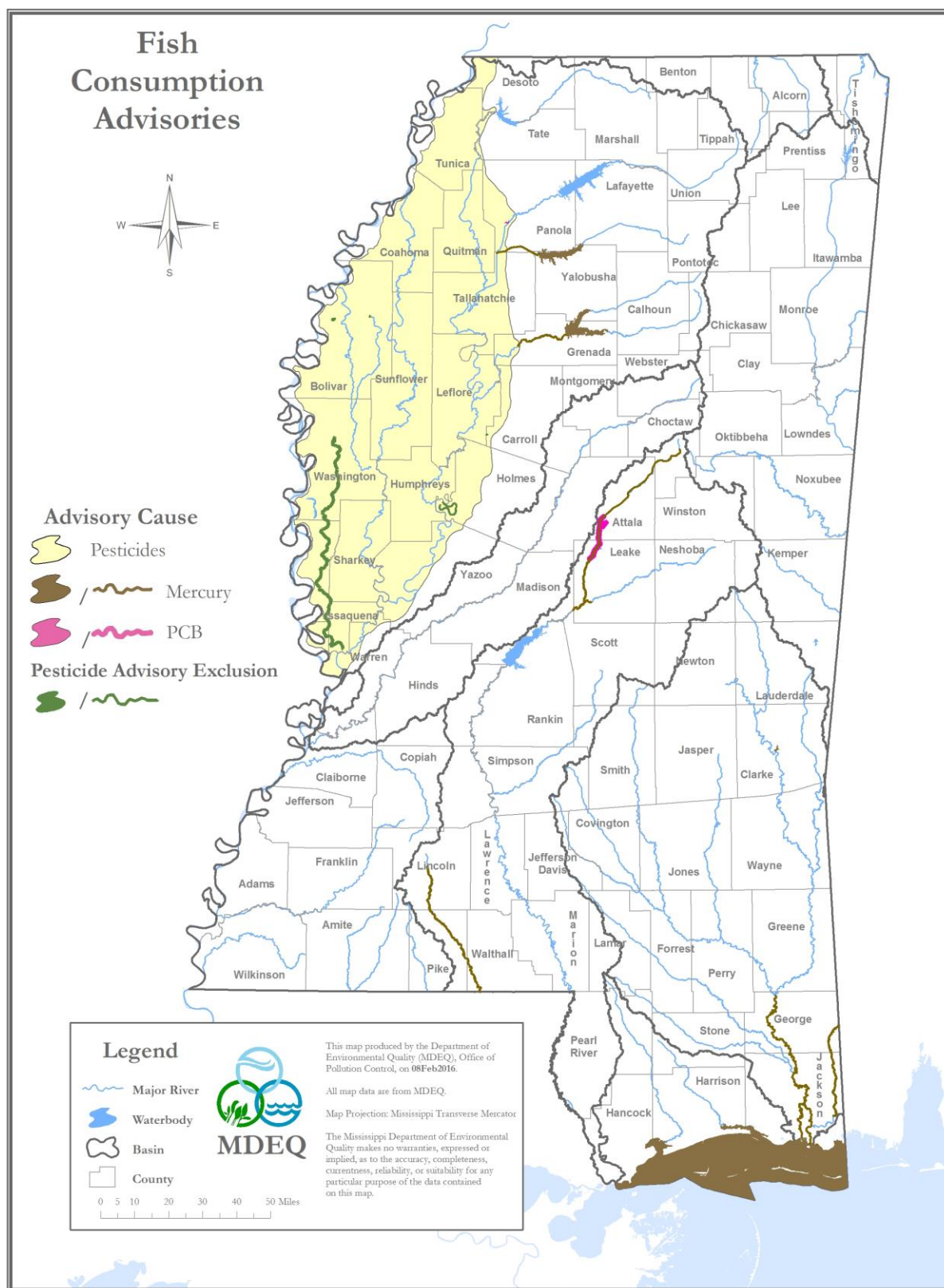


Figure 9: Map of Fish Advisories in Mississippi

## **Mercury Contamination in Fish Tissue**

The presence of mercury in fish tissue continues to be an issue of concern to MDEQ. Mississippi currently has 14 water bodies under fish consumption advisories for mercury, including the Gulf of Mexico. The advisories are for the larger predator species such as largemouth bass and large catfish in freshwater systems and king mackerel in the Gulf.

More information on additional species of different trophic levels within existing advisory areas would be ideal. This includes species such as bluegill, crappie, buffalo, and smaller catfish. Information from additional species is important because historical monitoring efforts have focused on the predator species, which were known to have the highest concentrations. However, new health effects studies indicate that mercury may be harmful at lower levels than previously believed, so additional data on species with lower mercury concentrations is valuable. Additional data on marine species are important for the same reasons; most of the existing data are for king mackerel.

Mercury TMDLs for the Escatawpa and Bogue Chitto Rivers and for Enid Reservoir and the Yocona River have also been completed.

## **DDT Contamination in the Delta**

DDT contamination in the Mississippi Delta has been a concern ever since the harmful effects of pesticide contamination first became a national issue. DDT was banned for use in Mississippi in 1972; and, although DDT concentrations in fish tissue have decreased ten-fold since that time, levels remain among the highest in the nation.

The Mississippi Fish Advisory Task Force was convened in 2000 to address the protection of those who routinely consume fish from the Delta. The task force consisted of scientists, engineers, and medical doctors from MDEQ, Mississippi Department of Health, Mississippi Department of Agriculture and Commerce, Mississippi Department of Wildlife, Fisheries and Parks, and Mississippi Department of Marine Resources. This group is charged with developing criteria for issuing fish consumption advisories for Mississippi. With input from a Technical Advisory Group made up of experts outside of state government in the fields of toxicology and aquatic biology, the Task Force developed new risk based criteria for DDT, toxaphene and PCB's. A complete report on the process is provided in the document Fish Advisory Criteria For Organochlorine Compounds (Mississippi Fish Advisory Task Force, 2001).

Concurrent with this criteria development, MDEQ began collecting new fish tissue data from the Delta. MDEQ collected fish tissue samples from ten sites located on four lakes and five rivers or bayous in the Mississippi Delta Region of Mississippi. The data from the 2000 study were evaluated along with existing fish tissue data from MDEQ's 1999 Ambient Monitoring Program to determine the need for advisories in the Delta. The data indicated that all ten sites and all nine water bodies sampled in the study warranted some



type of advisory. Based on this information, the task force recommended a regional advisory for the Delta (Figure 10), rather than a patchwork of discrete advisories for each of the ten sites. The data from this study support previous data collected by MDEQ and other agencies, which indicate that these pesticide concentrations were common for this part of the state.

On June 26, 2001, MDEQ issued an advisory for the Delta region of Mississippi. This advisory recommended that people limit the amount of carp, buffalo, gar, and large catfish (catfish larger than 22") they eat to no more than two meals per month. This advisory applies to the entire Delta from Memphis to Vicksburg, from the Mississippi River Levee on the west to the bluff hills on the east. The advisory includes all natural waters including lakes, rivers, bayous and sloughs.

In addition, for Roebuck Lake in Leflore County, the advisory recommends that people do not eat buffalo from this waterbody. In August 2001, MDWFP issued a commercial fishing ban for Roebuck Lake.

The Delta advisory, which is still in effect today, does not apply to the Mississippi River or the river-connected oxbow lakes located west of the Mississippi River Levee. These lakes rise and fall each year with the Mississippi River and are flushed out regularly. Perhaps more importantly, the periodic flooding of these areas has made them less desirable for row cropping and therefore there has been less historical application of these now banned pesticides. The advisory also does not apply to bass, bream, crappie, freshwater drum and smaller catfish (catfish < 22" in length), nor does it apply to farm raised catfish. A complete report on this study is available in the document Mississippi Delta Fish Tissue Study 2000, Final Report (MDEQ 2001).

In July of 2011, the Fish Tissue Task Force modified the Delta Fish Tissue Advisory. The following waterbodies were removed from the Delta Fish Advisory:

Steele Bayou (Issequena, Sharkey, Warren and Washington Counties)  
Black Bayou (Washington County)  
Bee Lake (Holmes County)  
Recon Lake or Rainey's Lake (Bolivar County)  
Lake Charlie Capps (Bolivar County)

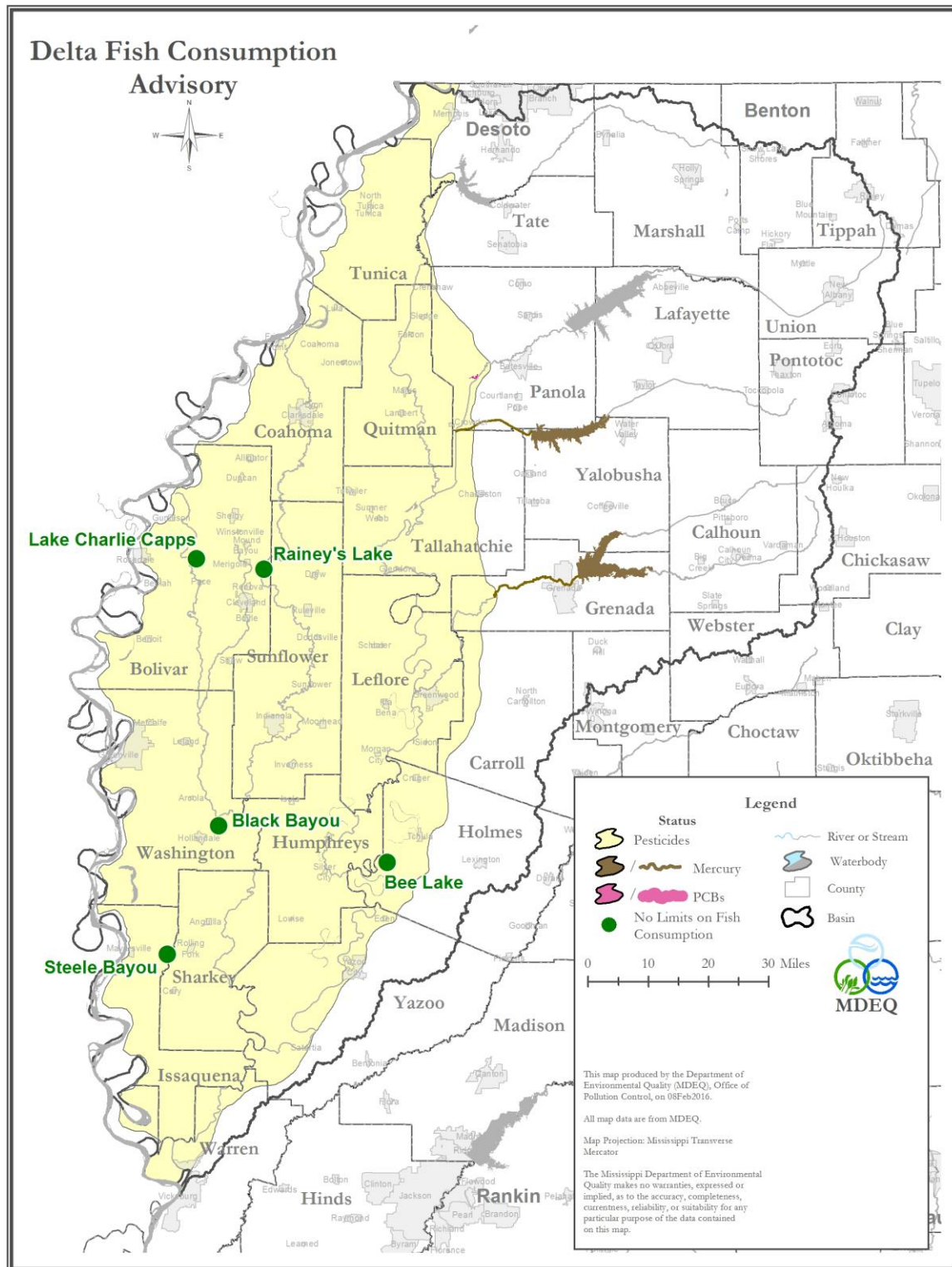
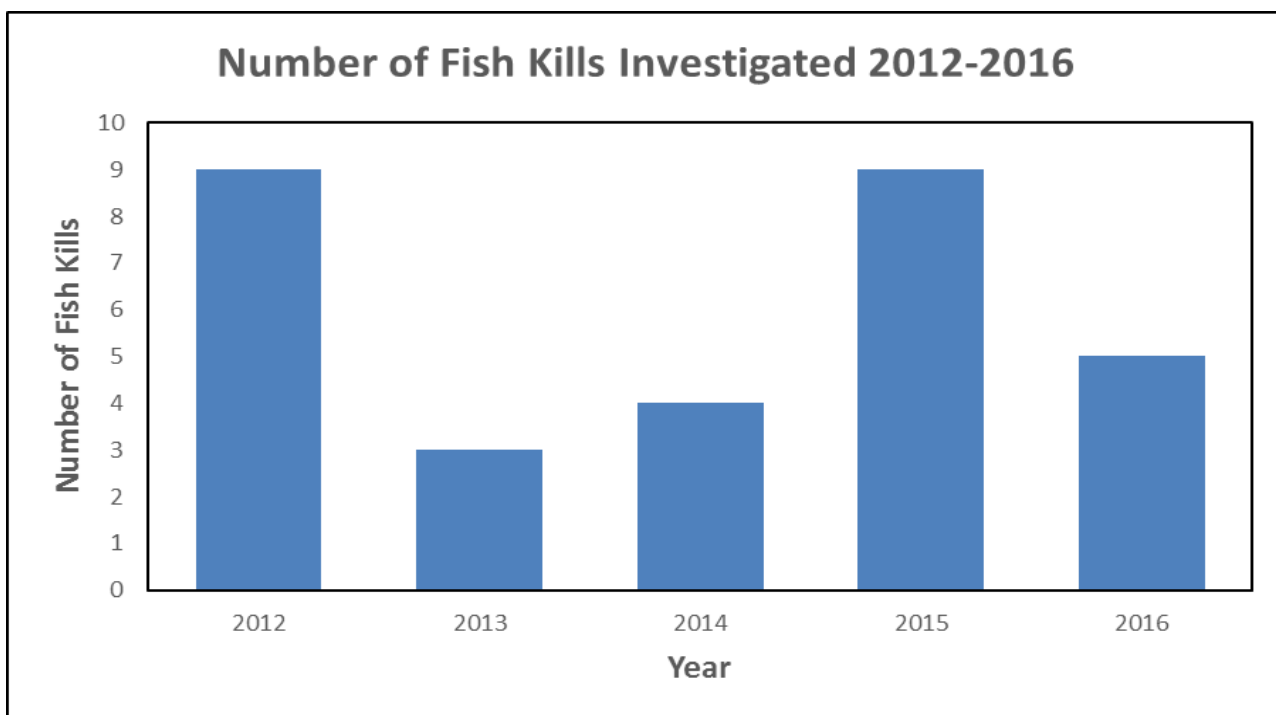


Figure 10: Advisory Area for Delta Region of Mississippi

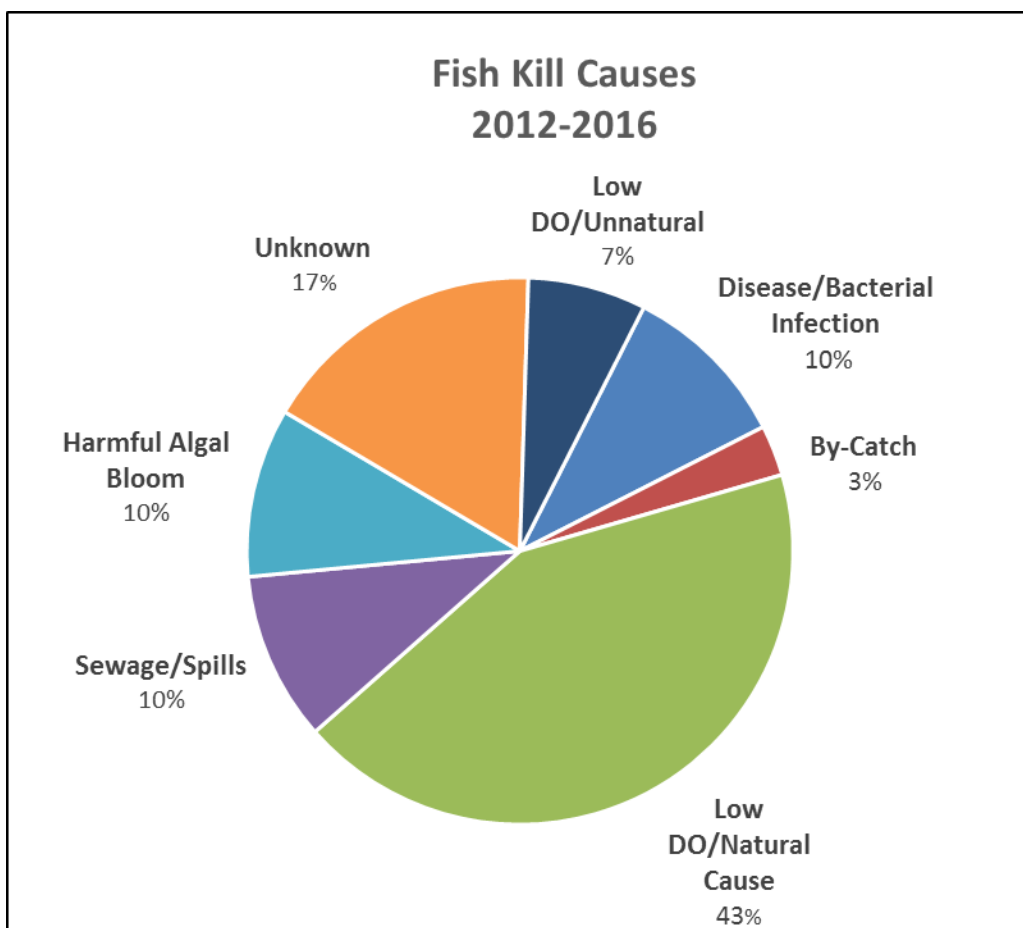
## **Fish Kills**

From January 2012 through December 2016, the MDEQ investigated 30 fish kills (Figure 11). Forty-three percent of these were associated with low dissolved oxygen levels and other natural causes (Figure 12). Ten percent were these related to sewage spills or unpermitted discharges. In 17% percent of the investigations the cause could not be determined.

The leading cause of kills was attributed to natural causes such as low dissolved oxygen, in those cases the cause was listed as “low D.O./natural cause”. In some of the fish kills investigated the fish had deteriorated to the point that the cause was difficult or impossible to discern. When the cause could not be determined, the kill was categorized as “unknown”.



**Figure 11: Annual Number of Fish Kills Investigated from 2012-2016**



**Figure 12: Distribution of Fish Kill Causes from 2012-2016**

## Shellfish Restrictions

The National Shellfish Sanitation Program (NSSP), administered by MDMR, opens and closes shellfish harvesting areas according to a classification system for the coastal waters of Mississippi. For current status of the classifications and maps of these waters, visit the MDMR web site ([www.dmr.state.ms.us](http://www.dmr.state.ms.us)).

Most of the major shellfish harvesting areas in Mississippi waters are routinely classified as either “conditionally approved” or “restricted”. The restrictions are due primarily to the effects of nonpoint source pollution from urban runoff and unsewered communities. Studies by MDMR of fecal coliform data, the indicator utilized by the NSSP, have historically shown wide fluctuations in fecal counts (MPN) due to rainfall and/or high river stages. This continues despite significant improvements in wastewater treatment and collection systems in the coastal area. These fluctuations are likely a result of private septic systems and other nonpoint pollution sources located in watersheds that drain into these waters. When coliform levels exceed water quality standards, oyster harvesting is halted by MDMR until approved conditions are met.

For some coastal waters, the restriction or prohibition classification is based solely on geographic location (i.e., proximity to a shoreline or NPDES-permitted wastewater discharge points where human contamination of shellfish beds is more likely) regardless of the fecal coliform levels measured. Due to this “semi-permanent” condition unrelated to actual water quality data, according to the MDEQ CALM (MDEQ 2018), these water bodies will not be assessed. For the 37 sq. miles of shellfish harvesting areas, TMDLs have already been developed for 28 sq. miles that were assessed as not attaining the shellfish harvesting use in 2004. These estuarine water bodies are periodically impacted by urban nonpoint source runoff and failing septic tanks.

For this reporting period, Shellfish Harvesting Use was not assessed due to efforts to establish and expand shellfish beds, which have also resulted in limited harvests. For current information about shellfish harvesting areas, please contact MDMR’s Shellfish Bureau or visit their website at <http://www.dmr.ms.gov/marine-fisheries/shellfish>.

## **Beach Advisories**

Sampling for enterococci bacteria and chemical water quality parameters occurs weekly to monthly along the entire length of Mississippi’s Gulf Coast public beaches at a total of 22 stations. Results from the sampling and information on the program are readily available to the public on a web site developed for the program. The web site is accessible through MDEQ’s web site (<http://opcgis.deq.state.ms.us/beaches/>).

In 2000, USEPA amended the Clean Water Act through the BEACH (Beaches Environmental Assessment and Coastal Health) Act to require all states to add more stringent sampling and public notification requirements to their water quality programs. MDEQ’s Beach Program already met the federal requirements with the exception of the formal adoption of enterococci bacteria as the new bacterial indicator in the state’s water quality standards (WQS). Enterococci criteria were adopted into the Mississippi WQS in 2007.

For the period 2012 – 2016, the Mississippi Beach Monitoring Task Force issued 268 advisories or closures resulting from high bacteria levels, hurricane debris or re-nourishment projects. The cause of most of these advisories was urban runoff following storm events; however, several were caused by sewer leaks, spills or breaks.

## **PART IV**

# **SURFACE WATER MONITORING AND ASSESSMENT PROGRAM SUMMARY**

## Basin Management Approach

Mississippi's plan for achieving comprehensive, statewide assessment of its surface waters involves coordination of various levels of MDEQ surface water monitoring activities and data sharing with other monitoring agencies using the agency's Basin Management Approach. Mississippi's Basin Management Approach is a process to conduct comprehensive water quality planning and to foster implementation of practices that will result in water quality protection on a basin wide scale. This approach recognizes the interdependence of water quality on the many related activities that occur in a drainage basin. Some of these activities include monitoring, assessment, problem identification, problem prioritization, planning, permitting, water use, and land use. These activities are integrated by basin and result in watershed management plans and implementation strategies that serve to focus on water quality protection efforts.

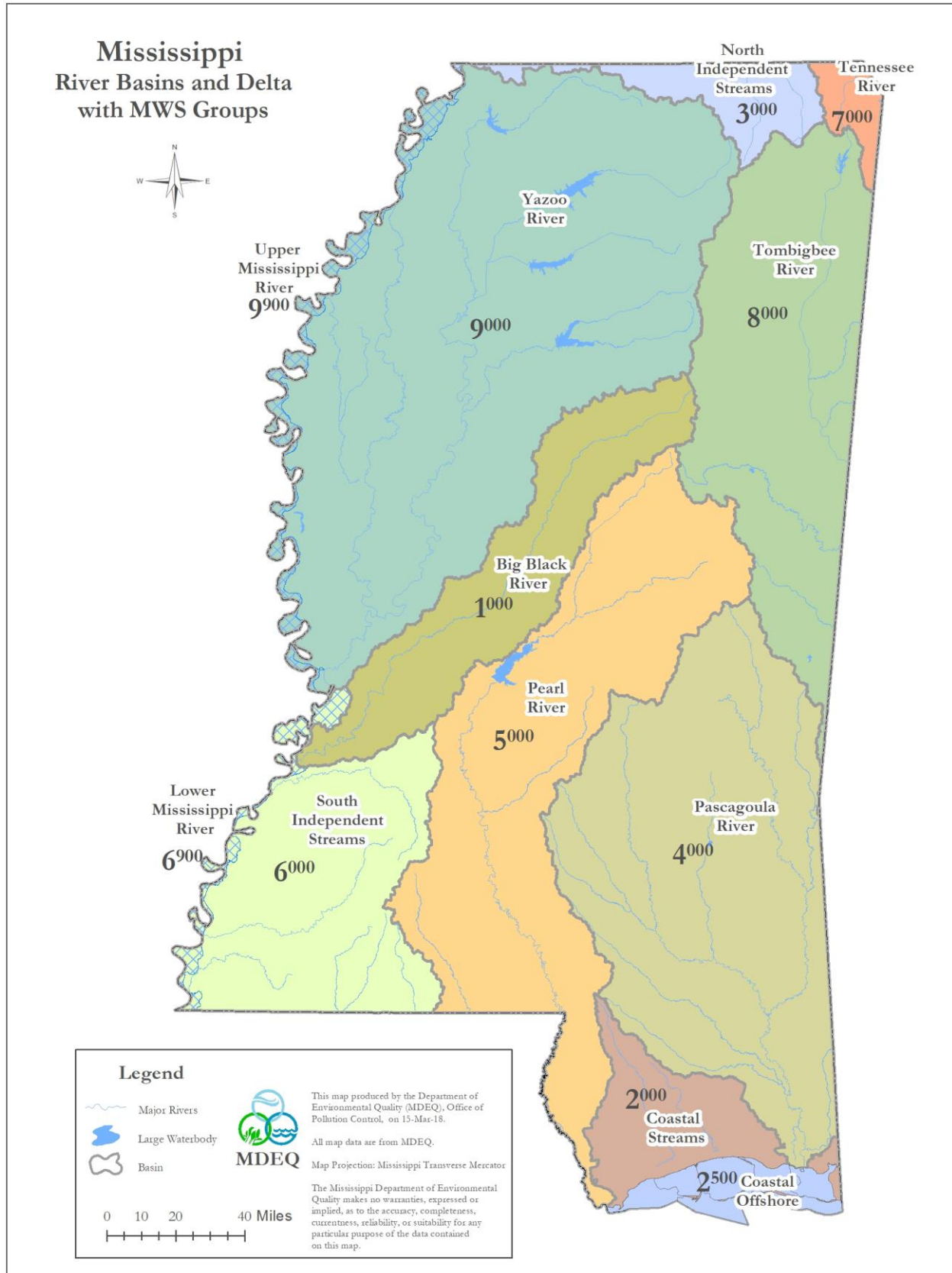
The purpose of Mississippi's Basin Management Approach is to restore and protect the quality of Mississippi's water resources by developing and implementing effective management strategies that address water quality issues while fostering sound economic growth. The majority of water quality management activities in Mississippi are now based on a repeating multi-year management cycle.

MDEQ initiated the basin management approach to manage its water programs on a basin wide scale. These basins serve as the hydrological boundaries that guide MDEQ's water quality activities. The waters of Mississippi are divided into nine major drainage areas or basins. These nine basins are the Big Black River Basin, Coastal Streams Basin, North Independent Streams Basin, Mississippi River Basin, Pascagoula River Basin, Pearl River Basin, South Independent Streams Basin, Tennessee River Basin, Tombigbee River Basin, and Yazoo River Basin. The boundaries for each basin are shown in Figure 13.

Through this approach, Mississippi's ten drainage basins have been placed into four basin groups, allowing all of the basins to receive equal focus. Each of these basin groups is configured to represent approximately one-fourth of the state. Figure 14 depicts the four basin groups. The Basin Management Approach strategy is supported by various water quality monitoring activities that take place as part of the program support monitoring conducted by MDEQ and other resource partners that augments the statewide ambient monitoring network with supplemental monitoring sites in the large drainage basins. One objective of program support monitoring is to increase the total coverage of waters monitored in Mississippi and fill data gaps identified in the planning phase of the basin cycle. Concentrating monitoring and assessment resources in specific drainage basins maximizes sampling efficiency to achieve this objective and enhances collaboration among participating resource agencies.

Supplemental watershed monitoring takes place during the data gathering phase of the basin management cycle and during pre and post-implementation monitoring associated with §319 Nonpoint Source funded watershed implementation projects. These monitoring efforts involve sampling of multiple parameters (water chemistry, bacteria, algae, fish, benthic macroinvertebrates and/or sediment) needed to address watershed data collection needs.





**Figure 13: Mississippi's Nine Major Drainage Basins**

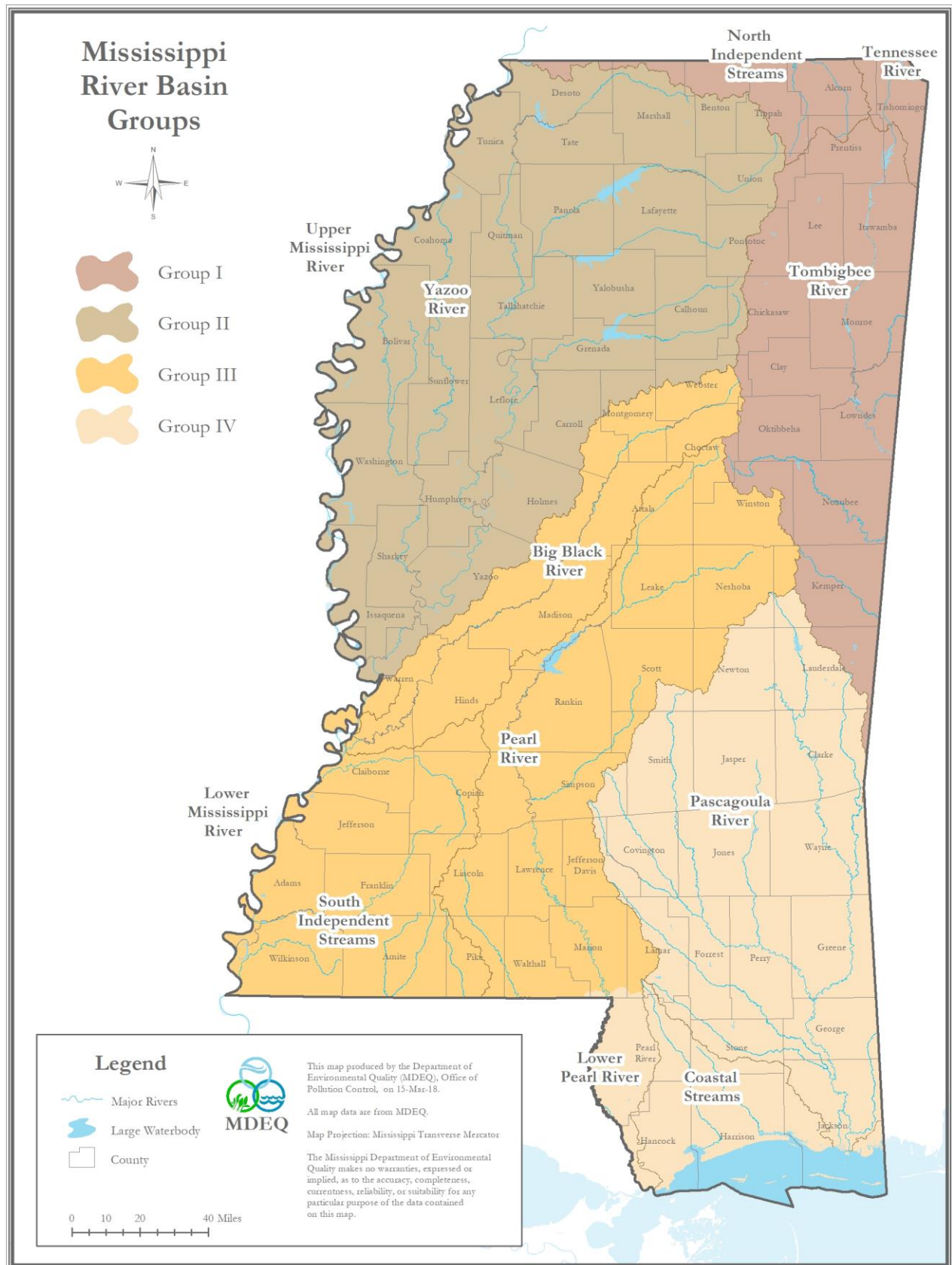


Figure 14: Mississippi's Basin Groups

# **MDEQ Surface Water Monitoring Program**

## **Introduction**

Surface water monitoring activities provide the foundation for assessment of the water quality condition in Mississippi's waters. Without monitoring data and information, the state's water quality management and regulatory programs cannot accurately and effectively report on the status of the state's water resources, identify and solve problems, characterize water pollution causes and effects, and/or evaluate the overall effectiveness of state management regulatory actions.

MDEQ's Office of Pollution Control (OPC) is the state agency responsible for the conservation of the quality of the natural resources of Mississippi and has primary responsibility for providing an effective statewide surface water monitoring and assessment program. This responsibility, coupled with legislative mandates set forth by the Mississippi Air and Water Pollution Control Law (Sections 49-17-1 to 49-17-43) and the Federal Clean Water Act (Sections 106, 204, 303, 305, and 314), serves as the main purpose for development and implementation of the Surface Water Monitoring Program (SWMP). Other state and federal government agencies and public/private groups are also involved in monitoring surface water quality. These other monitoring organizations include the United States Geological Survey (USGS), United States Army Corps of Engineers (USACE), Tennessee Valley Authority (TVA), United States Environmental Protection Agency (USEPA), National Oceanic and Atmospheric Administration (NOAA), Mississippi Department of Marine Resources (MDMR), Mississippi Band of Choctaw Indians, University of Southern Mississippi Gulf Coast Research Laboratory (GCRL), United States Department of Agriculture (USDA) National Sedimentation Laboratory, USDA Forest Service, USDA Natural Resource and Conservation Service, United States Fish and Wildlife Service (USFWS), Mississippi Department of Wildlife, Fisheries, and Parks (MDWFP), as well as other federal, state and local agencies, research institutions, universities, and private groups. MDEQ actively solicits their contribution of information to the evaluation and assessment of Mississippi waters. This is accomplished through the use of the agency's Basin Management Approach in which the various state, federal, and private representatives partner with MDEQ in this water management planning process.

## **Surface Water Monitoring Strategy**

In order to successfully develop, implement, and maintain a surface water monitoring program, a strategy is necessary to steer and guide the broad range of multi-faceted monitoring activities carried out in support of program objectives. MDEQ's SWMP strategy, *State of Mississippi Surface Water Monitoring Program Strategy for Fiscal Years 2016-2018* (MDEQ 2015) can be provided upon request.

MDEQ's main reporting avenue for SWMP data is through the §305(b) Water Quality Assessment Report. In addition to the §305(b) Report, MDEQ provides a list of all impaired water bodies without TMDLs required under §303(d) of the CWA. Upon being reported on the §303(d) list, a Total Maximum Daily Load (TMDL) is developed for the cause(s), and strategies for restoring the waterbody back to attaining its designated use(s) are developed. When the TMDL has been completed or monitoring data show that the waterbody is no longer impaired, the waterbody is taken off the §303(d) list. The State's 2018 §303(d) List is also available from the MDEQ web site ([www.mdeq.ms.gov](http://www.mdeq.ms.gov)).

MDEQ also reports on SWMP activities and water quality issues through various other EPA-required reports. These include annual reporting of summary activities and individual projects for various EPA CWA grants, (i.e., §104(b), §106(e), §205(j), §319, §406(b)), and surface water programs (i.e., WQS, TMDL, NPDES, Basin Approach, Beach Monitoring). Reporting formats are presented in project/program-specific technical reports, brochures, posters, oral presentation, newspaper articles and MDEQ Internet access. Data generated are uploaded to national databases (i.e., EPA STORET/WQX) for the purpose of stakeholder outreach, education, public information, and to meet other federal grant and/or state legislative requirements. Additionally, MDEQ responds to individual requests from phone, web, or personal inquiries for water quality data and information.

Mississippi's current Nutrient Criteria Development Plan was submitted in March 2016 and was mutually agreed upon with EPA Region IV in May 2016. The purpose of this plan is to provide EPA with a better understanding of Mississippi's approach to numeric nutrient criteria development. The focus of this strategy will be to develop nutrient criteria based primarily on the linkage between nutrient concentrations and the impairment of designated uses. Conceptually, three forms of nutrient criteria are defined and include: 1) causal and/or response variables expressed as numerical concentrations and/or mass quantities or loadings; 2) causal and/or response variables expressed as narrative statements with a translator mechanism to derive or calculate numerical concentrations and/or mass quantities or loadings; and 3) causal and/or response variables expressed as narrative statements only. The causative variables may include phosphorus and/or nitrogen and response variables may include chlorophyll *a* and turbidity.

Mississippi is applying a multiple lines of evidence approach to the development of numeric nutrient criteria. Potential criteria values are being developed by applying various criteria development methods including a reference condition approach, an effects-based approach, scientific literature, and mechanistic modeling. Potential criteria values are established for every method in which sufficient data are available. The multiple lines of evidence approach will be used for each of the state's waterbody types including: 1) non-Delta lakes, reservoirs, and oxbows, 2) coastal waters and estuaries, 3) non-Delta streams, and 4) Delta waters. Data collection and analysis continue to be conducted in order to derive protective numeric nutrient criteria for Mississippi's waters.

## **Description of MDEQ Sampling Networks**

Monitoring information from multiple programs is needed to fully achieve a comprehensive understanding of water quality in Mississippi's surface waters. Routine ambient, program support, and special project monitoring activities administered by MDEQ contribute information for the evaluation and assessment of water quality in Mississippi. While all of these monitoring efforts contribute information for use in the §305(b) Water Quality Assessment Report, the ambient monitoring networks serve as the foundation for the statewide water quality assessment process.

## **Status & Trends Ambient Monitoring Networks**

In Mississippi, ambient monitoring is designed to characterize and assess statewide water quality status and trends in the state's streams, lakes, estuaries and coastal waters for general reporting in the §305(b) Water Quality Assessment report. Subsequently, waters identified as impaired are placed on the state's §303(d) list. Ambient monitoring also supports the design and implementation of MDEQ's surface water management programs including NPDES, non-point source, water quality standards, TMDL development, basin initiatives and water quality planning/management. This type of monitoring is also used by MDEQ to evaluate program effectiveness and to address economic development interests and concerns.

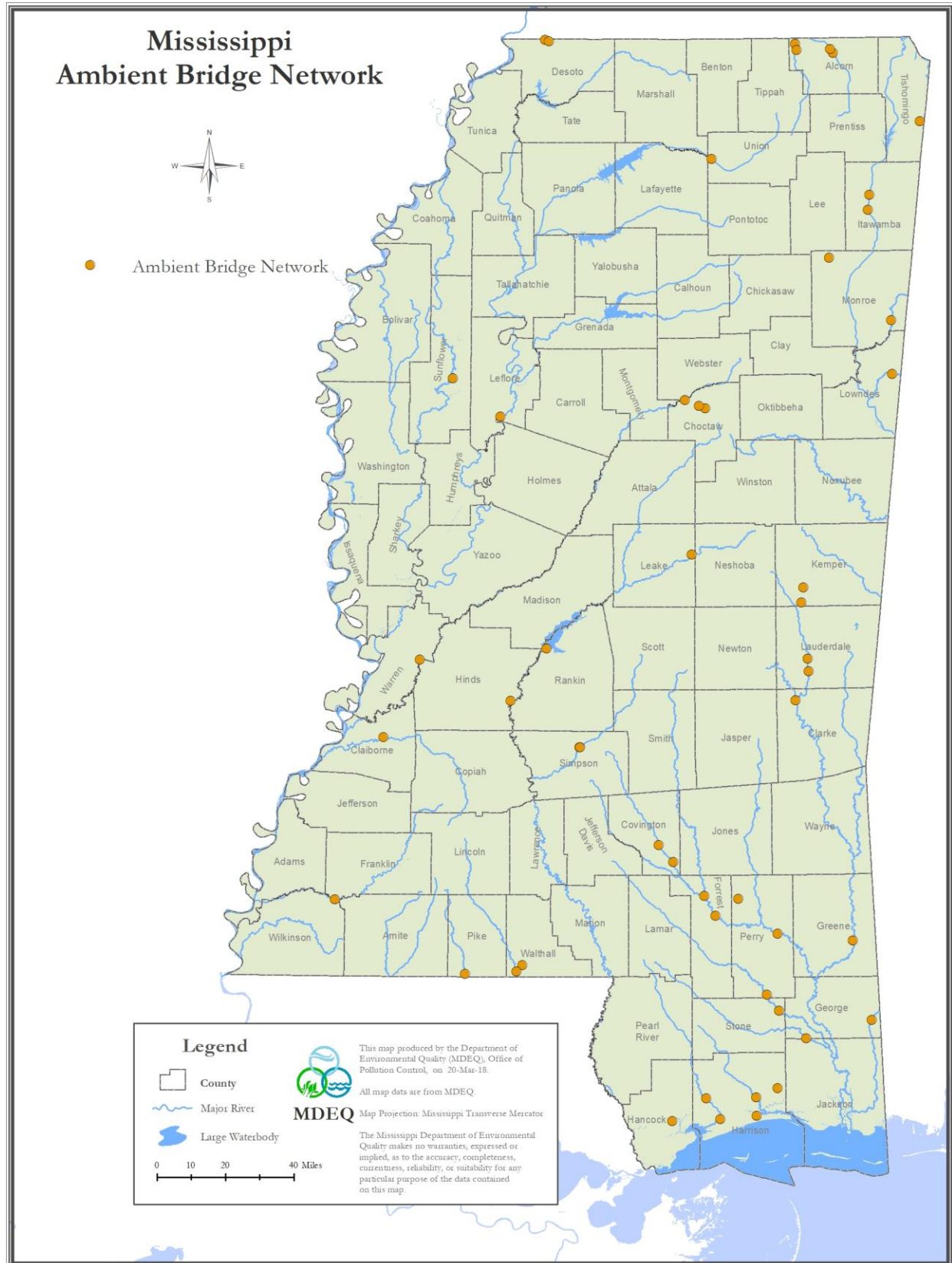
Ambient Monitoring Network stations are distributed throughout the northern, central, and southern regions of the state in streams, rivers, bayous, and estuaries. These stations are located to establish baseline conditions and in streams below critical discharges to establish long-term trends and/or observe improvements where pollution control measures are implemented. Streams representing a composite of a large watershed allow broad evaluations of overall abatement programs and waters of general concern (i.e., major streams entering or leaving the state and near-coastal waters).

To be included in Ambient Monitoring Networks, each station not only must meet the monitoring objectives of the program but also must meet specific selection criteria for station locations. The specific criteria utilized for the location and establishment of ambient stations are: major perennial stream; major lake or estuary; at or close to a hydrological recording station (required for most physical/chemical stations); strategic watershed location (lower end of watershed, confluence of major streams, mouth of major tributary, maximum spatial coverage, etc.); high recreational activity or designated use; interstate waters; waters of some ecological, public health, or economic significance (below major pollution sources, fish advisory area, ecoregional reference site, high quality waters, endangered/threatened species, high economic interest, etc.); and other logistical and administrative criteria (safety, accessibility, multi-agency coordination, historical data record).

## **Ambient Bridge Network**

The Ambient Bridge Network design is conventional (i.e., targeted). Each station is required to meet the monitoring objectives and selection criteria for station locations. The network of statewide stations was established for systematic water quality sampling at regular intervals and for uniform parametric coverage to monitor water quality status and trends over a long-term period. Sampling is carried out by MDEQ FSD scientists from each of three regional offices (northern, central, and southern regions). Each office is responsible for the stations in its region and there are currently 10 stations per region for a total of 30 stations statewide. Laboratory analyses for the samples are carried out by MDEQ's laboratory located in Pearl, Mississippi. Several stations in the sampling network are historical stations that have monitoring dating back to the 1970's. Figure 15 shows the locations of the bridge stations.





**Figure 15: Ambient Bridge Network**

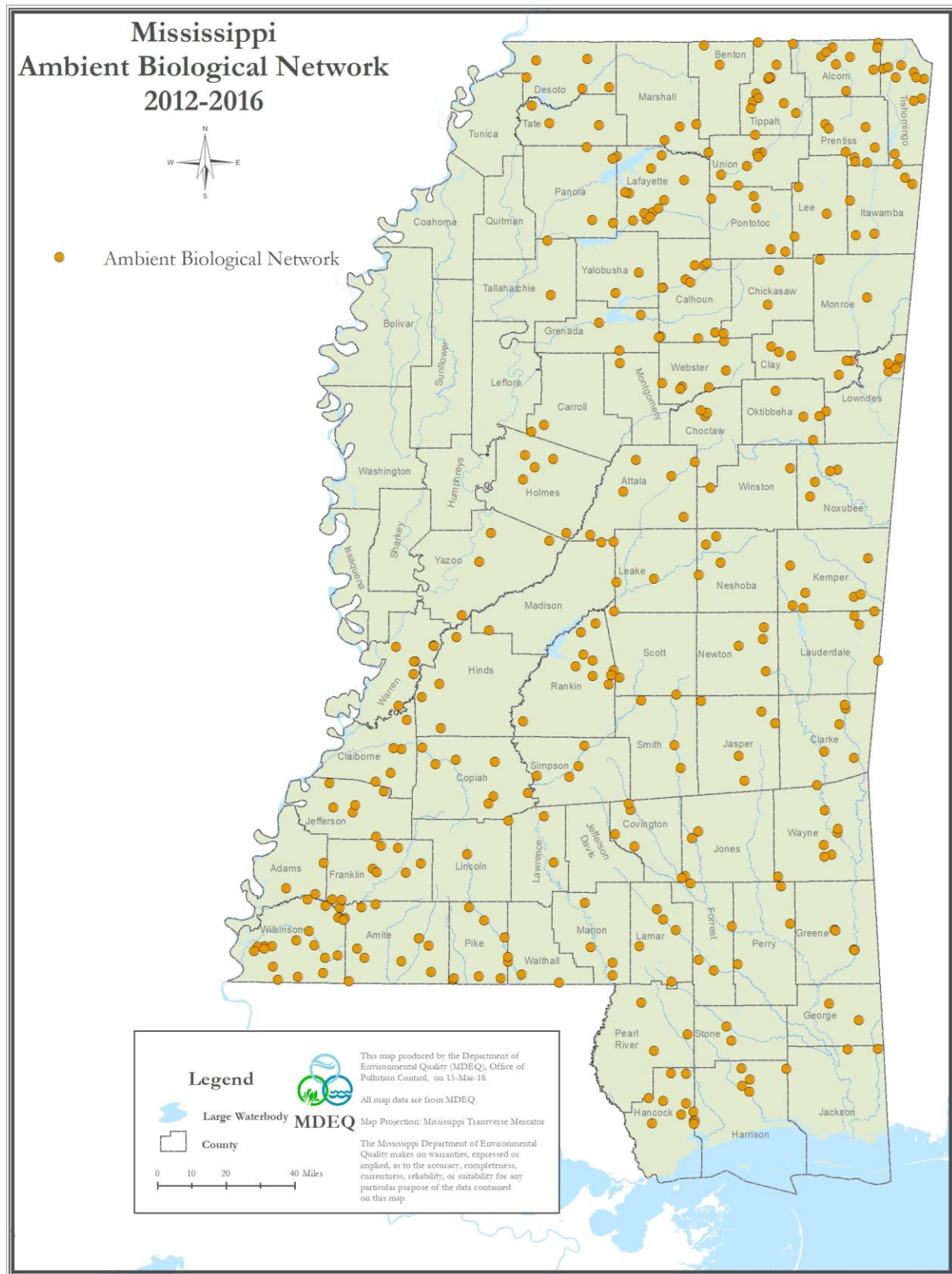
## Ambient Biological Network

In addition to extensive water chemistry and fish tissue analyses, the MDEQ relies heavily on the use of biological indicators to determine attainment status. The purpose of ambient biological monitoring is to assess the health or biological integrity of the aquatic community as a long-term indicator of stream water quality. The MDEQ Ambient Biological Monitoring Program collects benthic macroinvertebrate community surveys in wadeable freshwater streams and chlorophyll *a* levels in lentic, marine and estuarine waters.

In 2001, MDEQ updated the biological monitoring methodology in response to §303(d) issues and workloads. This initiative led to the development of a Mississippi-calibrated Index of Biological Integrity (IBI) *Development and Application of the Mississippi Benthic Index of Stream Quality (M-BISQ)* (MDEQ 2003b) for use in assessment of wadeable streams in Mississippi and resulted in monitoring efforts that have greatly increased the number of biological assessments conducted on state waters. The Mississippi Benthic Index of Stream Quality (M-BISQ) and the established sampling and analytical methodology contained therein now serves as the foundation for routine biological monitoring in MDEQ statewide Ambient Monitoring Network. In 2015, the M-BISQ was recalibrated using data and information collected from 2001-2012. The recalibration report, *Evaluation and Recalibration of the Mississippi Benthic Index of Stream Quality (M-BISQ)* (MDEQ 2016), is available upon request. Figure 16 shows the M-BISQ where data were collected in 2012-2016.



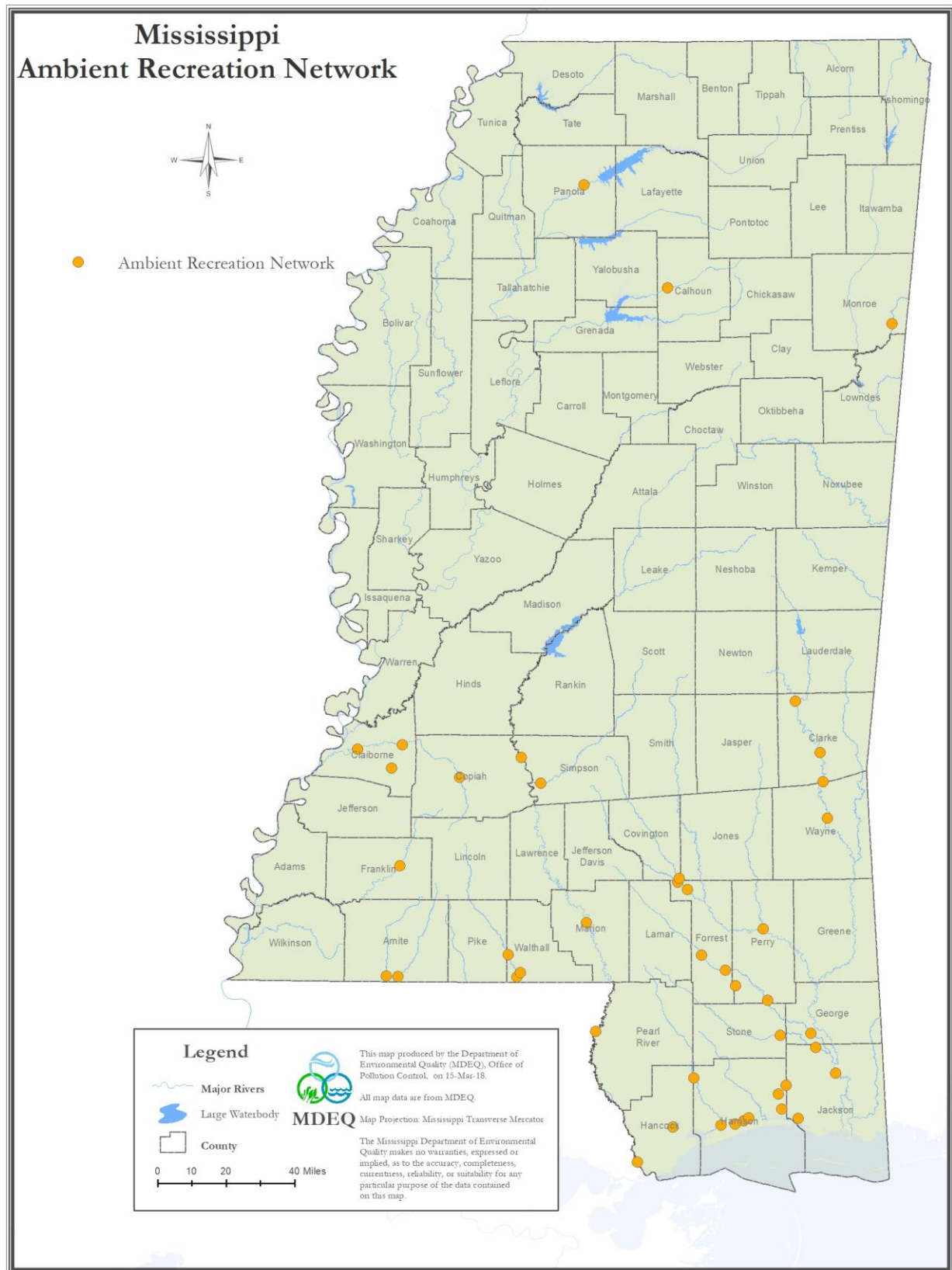




**Figure 16: Ambient Biological Network**

## **Ambient Recreational Monitoring Network**

MDEQ maintains a monitoring network for flowing waters in the state that are used for primary contact recreation. A listing of these waters can be found in Mississippi's WQS. These sites are located on the recreational water bodies to monitor fecal coliform for the safety of Mississippi citizens that use these waters for recreational purposes. Monitoring is done at these locations in order to collect 5 samples within a 30-day period. This sample frequency allows for the calculation of a geometric mean for the fecal coliform data. Each location is monitored in both the contact (May-October) and non-contact (November-April) seasons. Figure 17 shows these monitoring locations.



**Figure 17: Ambient Recreational Monitoring Network**

## Ambient Beach Monitoring Network

MDEQ's Ambient Beach Monitoring Program, conducts routine bacteria and water chemistry sampling at 21 beach stations located along Mississippi's Gulf Coast (Figure 18). MDEQ is just one partner within a multi-agency Beach Monitoring Task Force composed of the EPA Gulf of Mexico Program, the Mississippi Department of Marine Resources, and the Mississippi State Department of Health. This Beach Monitoring Task Force oversees the program and issues beach advisories when needed.

MDEQ and the Beach Monitoring Task Force rely on data collected under this program to assess health safety issues for users of Mississippi's recreational beaches. When enterococci bacteria concentrations reach unsafe levels, beach advisories are issued. In addition, the monitoring data provide information concerning the seasonal water quality conditions of the immediately accessible waters along the public bathing beaches. Beach water quality conditions are made available to the public via a Beach Monitoring Web (<http://opcgis.deq.state.ms.us/beaches/>). This web site contains beach advisory statuses, location of monitored sites, data associated with those monitored locations, and a history of beach advisories.



There are 21 beach monitoring stations that are sampled weekly. Any station is re-sampled if enterococci bacteria levels exceed 104 colonies/100ml.

## Mississippi Coastal Assessment Program

Through the establishment of the Mississippi Coastal Assessment Program (MCA), MDEQ has continued to coordinate the sampling effort that was initiated as part of USEPA's National Coastal Assessment (NCA) monitoring. This monitoring builds upon the data generated through NCA by using the same probabilistic station selection process and collecting data at 25 sites annually. MDEQ's MCA program monitors the core ecological indicators established by the NCA program. Figure 19 depicts all of the monitoring locations that have been sampled for 2012-2016.







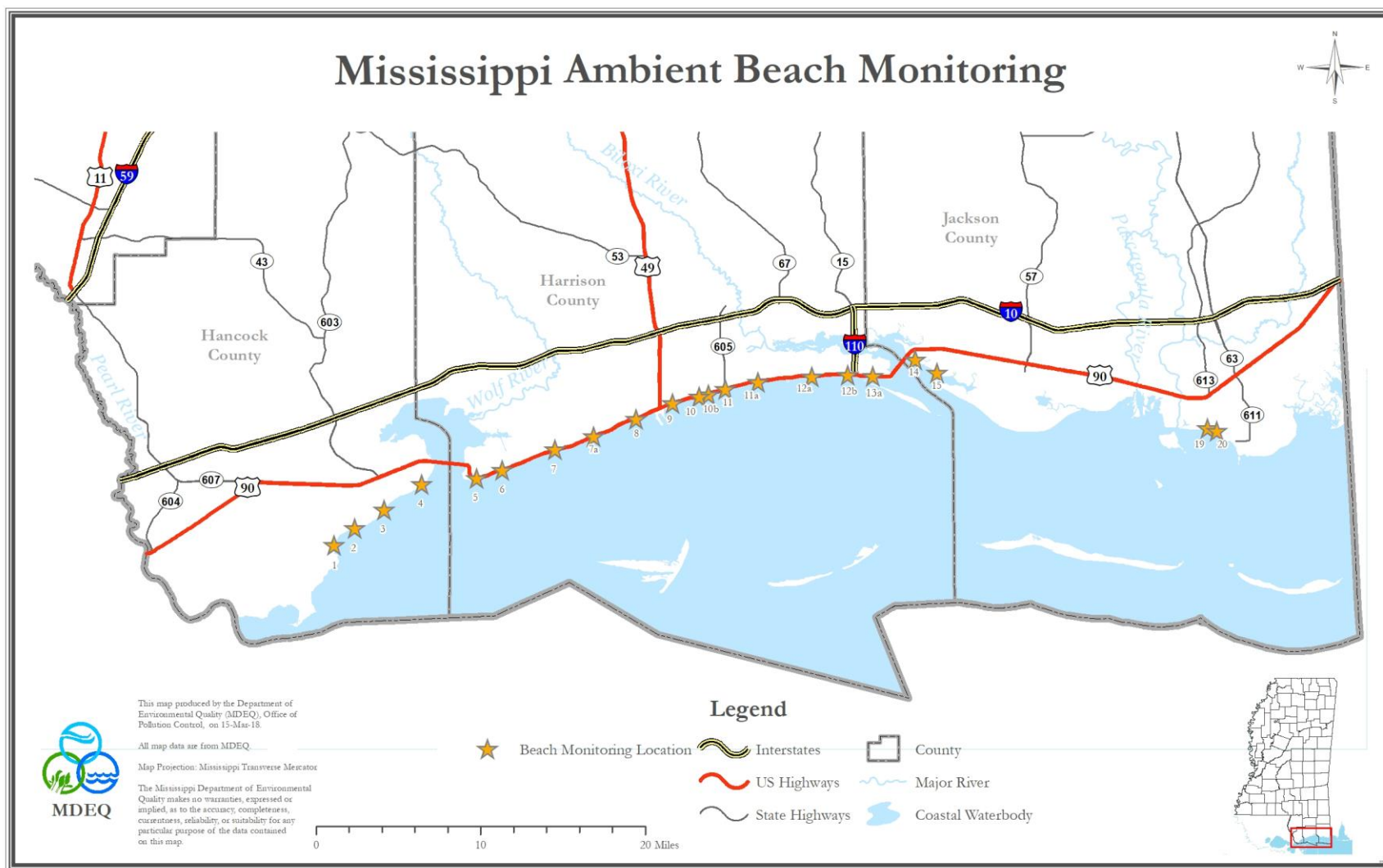
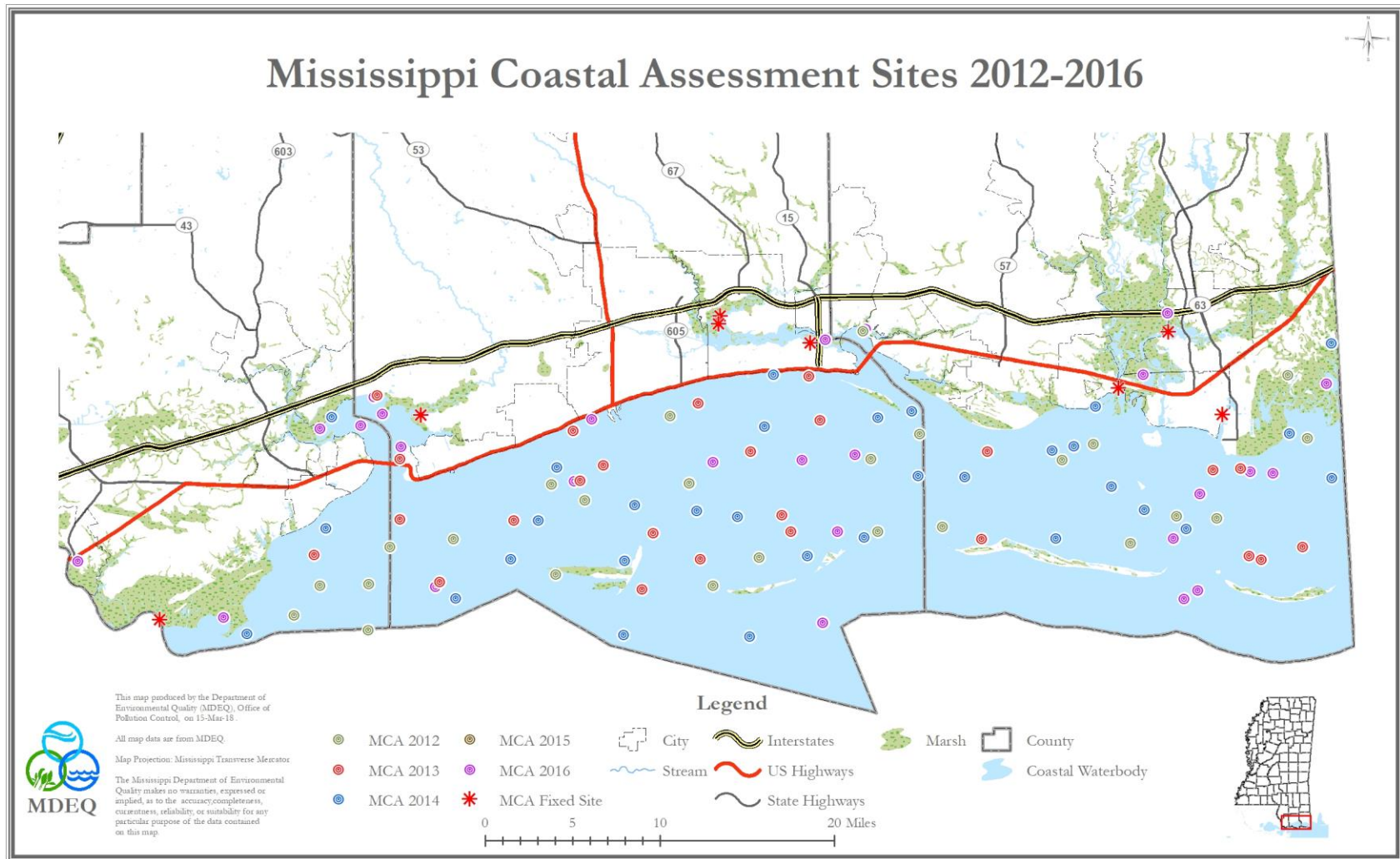


Figure 18: Ambient Beach Monitoring Network



**Figure 19: Mississippi Coastal Assessment 2012-2016**

# LITERATURE CITED

11 Miss. Code Ann. Admin. Code Pt. 6, Ch. 2 Web 2013

Addy, K. and L Green. 1996. Phosphorus and lake aging. Natural Resources Facts, Fact sheet No. 96-2. University of Rhode Island.

Brezonik, P.L. 1984. Trophic state indices: rational for multivariate approaches. Pages 441-445 in Lake and Reservoir Management, October 18-23, Knoxville, TN. EPA 440/5-84-001 US EPA Washington D.C.

Carlson, R.E. 1977. A trophic state index for lakes. Limnology and Oceanography, 22:361-369.

Carlson, R.E. and J. Simpson. 1996. A Coordinator's Guide to Volunteer Lake Monitoring Methods. North American Lake Management Society. 96 pp.

Greenwood, N.N. and A. Earnshaw. 2002. Chemistry of the Elements. Butterworth Heinmann, NY.

(MDEQ) Mississippi Department of Environmental Quality. 2001. Mississippi Delta Fish Tissue Study 2000, Final Report. October 2001. Mississippi Department of Environmental Quality, Jackson, MS.

(MDEQ) Mississippi Department of Environmental Quality. 2003. Development and Application of the Mississippi Benthic Index of Stream Quality (M-BISQ). June 2003. Mississippi Department of Environmental Quality, Jackson, MS.

(MDEQ) Mississippi Department of Environmental Quality. 2015. State of Mississippi Surface Water Monitoring Program Strategy for Fiscal Years 2016-2018. May 2009. Mississippi Department of Environmental Quality, Jackson, MS.

(MDEQ) Mississippi Department of Environmental Quality. 2016. The Mississippi Benthic Index of Stream Quality (M-BISQ): Recalibration and Testing. January 2016. Mississippi Department of Environmental Quality, Jackson, MS.

(MDEQ) Mississippi Department of Environmental Quality. 2016. Mississippi 2014 Section 303(d) List of Impaired Water Bodies. April 2016. Mississippi Department of Environmental Quality, Jackson, MS.

(MDEQ) Mississippi Department of Environmental Quality. 2018. Mississippi CALM (Consolidated Assessment and Listing Methodology) 2018 Assessment and Listing Cycle Data Requirements and Assessment and Listing Methodology to Fulfill the Requirements of Sections 305(b) and 303(d) of the Clean Water Act



- (CWA). April 2018. Mississippi Department of Environmental Quality, Jackson, MS.
- Mississippi Fish Advisory Task Force. 2001. Fish Advisory Criteria For Organochlorine Compounds. February 2001. Mississippi Department of Environmental Quality, Jackson, MS.
- Oldham, L. 2003. Phosphorus in Mississippi Soils. Information Sheet 871.  
<http://msucare.com/pubs/infosheets/is0871.pdf>
- (USEPA) U.S. Environmental Protection Agency. 1997. Guidelines for Preparation of the Comprehensive State Water Quality Assessments (305(b) Reports) and Electronic Updates: Report Contents. September 1997. U.S. Environmental Protection Agency. Office of Water. Washington, D.C. EPA-841-B-97-0002A.
- (USEPA) U.S. Environmental Protection Agency. 2000. Stressor Identification Guidance Document. December 2000. U.S. Environmental Protection Agency. Office of Water. Washington, D.C. EPA/822/B-00/025
- (USEPA) U.S. Environmental Protection Agency. 2001. EPA Requirements for Quality Assurance Project Plans. March 2001. U.S. Environmental Protection Agency. Office of Environmental Information. Washington, D.C. EPA/240/B-01/003
- (USEPA) U.S. Environmental Protection Agency. 2002. Consolidated Assessment and Listing Methodology Toward a Compendium of Best Practices. First Edition. July 2002. U.S. Environmental Protection Agency. Office of Wetlands, Oceans, and Watersheds. Washington, D.C.
- (USEPA) U.S. Environmental Protection Agency. 2 February 2006.  
<http://www.epa.gov/bioiweb1/aquatic/carlson.html>. Carlson's Trophic State Index. Aquatic Biodiversity

# **Appendix A**

## **State of Mississippi**

### **Individual Waterbody Assessments**

#### **2018 Section 305(b) Report**

## Introduction

MDEQ manages its surface water programs on a river basin scale and has established a process that coordinates the water assessment and management activities of numerous state and federal agencies. This process, the Mississippi Basin Management Approach, is responsible for the development of and recurring updates to, basin management plans for Mississippi's major river basins. This appendix provides water quality assessment information specific to each of the state's major river basins. The information in this appendix is strictly a representation of the statewide §305(b) assessments broken down by river basin.

Hydraulically, the waters of Mississippi are divided into ten major drainage areas or river basins. These ten basins are the Big Black River Basin, Coastal Streams Basin, Mississippi River Basin, North Independent Streams Basin, Pascagoula River Basin, Pearl River Basin, South Independent Streams Basin, Tennessee River Basin, Tombigbee River Basin and Yazoo River Basin. For MDEQ management purposes, the Mississippi River Basin has been divided into upper and lower portions. The upper portion has been grouped with the Yazoo River Basin and the lower portion has been grouped with the South Independent Streams Basin.

In the following sections, surface water quality assessment data are presented in the form of an alphabetical listing of all individual waterbody assessments made for the 2018 §305(b) report. With each waterbody entry, pertinent information regarding waterbody ID number, reach location, assessed use, assessment status and numeric category designation are shown. This table also provides the necessary information to cross-reference §305(b) assessments with the 2018 §303(d) list. It should be noted that the assessment information provided in the detailed listing is accurate as of April 1, 2018, which may be different from the 2018 §303(d) list.

The integrated assessment guidance from USEPA allows segments to be assigned to one of five categories at the designated use level. This results in water bodies with multiple uses that often have multiple categories. This categorization system assigns a waterbody to one of five categories by use:

**Category 1:** Attaining all uses

**Category 2:** Attaining some uses but insufficient information for assessment of other uses.

**Category 3:** Insufficient information to assess any use

**Category 4:** Not attaining a use but a TMDL is not necessary

**Category 5:** Not attaining a use and a TMDL is needed.

USEPA defines a Category 1 water as having sufficient data to prove there is no impairment for any potential designated use of that waterbody. Since Mississippi rarely has data for all designated uses on a specific waterbody, Mississippi currently has no water bodies assigned to Category 1.

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

BIG BLACK RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
ATWOOD CREEK	103012	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: NEAR KOSCIUSKO FROM HEADWATERS TO MOUTH AT APOOKTA CREEK						
BAKERS CREEK	109211	109211	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH FLEETWOOD CREEK TO CONFLUENCE WITH FOURTEEN MILE CREEK						
BEAR CREEK	105811	MS431BE	Aquatic Life Support	12/02/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 1057 TO MOUTH AT BIG BLACK RIVER			Secondary Contact	12/02/09	Attaining	2
BEAR CREEK	107711	107711	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						
BEAVER CREEK	107411	107411	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						
BIG BLACK RIVER	107811	N/A	Aquatic Life Support	02/20/18	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH BEAR CREEK TO CONFLUENCE WITH CLEAR CREEK						
BIG BLACK RIVER	100111	N/A	Aquatic Life Support	04/01/05	Not Attaining	5
LOCATION: NEAR MATHISTON FROM HEADWATERS TO MWS BOUNDARY 1003						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

BIG BLACK RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BIG BYWY DITCH	100811	N/A	Aquatic Life Support	02/14/18	Attaining	2
LOCATION: FROM CONFLUENCE OF HURRICANE CREEK TO 1010 MWS BOUNDARY						
BIG CYPRESS CREEK	104811	N/A	Aquatic Life Support	02/08/12	Attaining	2
LOCATION: FROM CONFLUENCE WITH UNNAMED INTERMITTENT TRIB. DOWNSTREAM OF HWY 17 TO CONFLUENCE WITH CYPRESS CREEK						
BIG CYPRESS CREEK	104812	104812	Aquatic Life Support	02/08/12	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH UNNAMED INTERMITTENT TRIB. DOWNSTREAM OF HWY 17						
BIG CYPRESS CREEK	104911	N/A	Aquatic Life Support	02/12/18	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 1048 TO MOUTH AT BIG BLACK RIVER						
BIG SAND CREEK	108311	108311	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						
BOGUE CHITTO CREEK	107111	MS436E	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH LIMEKILN CREEK TO MOUTH AT BIG BLACK RIVER						
CALABRELLA CREEK	101111	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

BIG BLACK RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
CLEAR CREEK	107911	N/A	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR BOVINA FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						
COX CREEK	107612	MS437E	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT PORTER CREEK						
CROOKED CREEK	103913	N/A	Aquatic Life Support	11/30/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT SENEASHA CREEK						
DAVIDSON CREEK	101712	N/A	Aquatic Life Support	02/14/12	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH POPLAR CREEK						
DOAKS CREEK	105411	N/A	Aquatic Life Support	11/16/15	Attaining	2
LOCATION: FROM CONFLUENCE WITH DRY CREEK TO MOUTH AT BIG BLACK RIVER						
DOAKS CREEK	105111	N/A	Aquatic Life Support	01/06/14	Attaining	2
LOCATION: FROM HEADWATERS TO MWS 1054 BOUNDARY						
DRY CREEK	105311	N/A	Aquatic Life Support	01/06/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT DOAKS CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

BIG BLACK RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
FIVEMILE CREEK	108211	108211	Aquatic Life Support	01/12/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						
FLEETWOOD CREEK	109113	109113	Aquatic Life Support	01/06/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH BAKERS CREEK						
FOURTEENMILE CREEK	108811	MS441FE	Aquatic Life Support	01/06/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH BAKERS CREEK AT MWS 1086 TO MOUTH AT BIG BLACK RIVER						
HAMER BAYOU	109312	109312	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						
HOBUCK CREEK	105511	105511	Aquatic Life Support	02/14/12	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH DOAKS CREEK						
JIMS BAYOU	109311	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR REGANTON FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						
JORDAN CREEK	102911	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR HOFFMAN FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

<b>BIG BLACK RIVER</b>						
<b>WATERSHED NAME</b>	<b>ASSESSMENT UNIT</b>	<b>§ 303(d) ID</b>	<b>USE</b>	<b>ASSESSMENT DATE</b>	<b>ASSESSMENT STATUS</b>	<b>CATEGORY</b>
KENNISON CREEK	109512	MS444E	Aquatic Life Support	11/23/09	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR GALLOWAY FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						
LAKE LORMAN	106912	N/A	Aquatic Life Support	12/02/15	Attaining	2
LOCATION: NEAR MADISON NEAR SPILLWAY						
LIMEKILN CREEK	106911	N/A	Aquatic Life Support	11/16/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BOGUE CHITTO CREEK						
LINDSEY CREEK	108912	N/A	Aquatic Life Support	02/15/12	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BAKERS CREEK						
LITTLE BAKERS CREEK	109112	109112	Aquatic Life Support	12/02/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT BAKER CREEK						
LITTLE BEAR CREEK	107712	N/A	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BEAR CREEK						
LITTLE BEAR CREEK	105712	105711	Aquatic Life Support	01/06/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BEAR CREEK						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

BIG BLACK RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LITTLE BLACK CREEK  LOCATION: FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER	100511	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
			Secondary Contact	12/02/09	Attaining	2
LITTLE BYWY CREEK  LOCATION: FROM HEADWATERS TO MOUTH AT MIDDLE BYWY CREEK	100912	N/A	Aquatic Life Support	11/29/17	Attaining	2
MARKHAM CREEK  LOCATION: FROM HEADWATERS TO CONFLUENCE WITH BIG BLACK RIVER	108011	N/A	Aquatic Life Support	01/06/14	Attaining	2
MIDDLE BYWY CREEK  LOCATION: FROM HEADWATERS TO THE MOUTH AT BIG BYWY DITCH	100911	N/A	Aquatic Life Support	12/01/17	Not Attaining	5
MUDDY CREEK  LOCATION: FROM HEADWATERS TO CONFLUENCE WITH CLEAR CREEK	107912	107912	Aquatic Life Support	12/14/17	Attaining	2
PANTHER CREEK  LOCATION: FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER	104611	104611	Aquatic Life Support	11/23/09	Not Attaining, Tmdl Completed	4A
			Secondary Contact	11/23/09	Not Attaining, Tmdl Completed	4A
PARKER CREEK  LOCATION: FROM HEADWATERS TO MOUTH AT SENEASHA CREEK	103914	N/A	Aquatic Life Support	11/30/17	Not Attaining	5

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

BIG BLACK RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
PEPPER CREEK / RUCKER CREEK	104511	104511	Aquatic Life Support	01/06/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BEAVER RUN						
PERSIMMON CREEK	106311	106311	Aquatic Life Support	01/06/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH BIG BLACK RIVER						
PORTER CREEK	107611	107611	Aquatic Life Support	01/15/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						
RAMBO CREEK	103912	103912	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH HINDS CREEK						
SAND CREEK	101112	101112	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT CALABRELLA CREEK						
SCOOBACHITA CREEK	102712	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT ZILPHA CREEK						
SILVER CREEK	108012	N/A	Aquatic Life Support	01/12/18	Not Attaining	5
LOCATION: FROM THE HEADWATERS TO THE MOUTH AT THE BIG BLACK RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

BIG BLACK RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
SNAKE CREEK	109011	N/A	Aquatic Life Support	04/01/02	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR CLINTON FROM HEADWATERS TO MOUTH AT BAKERS CREEK						
SPRING CREEK	100211	N/A	Aquatic Life Support	11/29/17	Not Attaining	5
LOCATION: AT SARA FROM HEADWATERS TO MWS 1001 BOUNDARY						
SPRING CREEK	100112	N/A	Aquatic Life Support	12/30/09	Attaining	2
LOCATION: FROM MWS BOUNDARY 1002 TO MWS BOUNDARY 1003						
STRAIGHT FENCE CREEK	107011	N/A	Aquatic Life Support	11/16/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BOGUE CHITTO CREEK						
TACKETTS CREEK	103711	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						
TILDA BOGUE	105911	MS431TE	Aquatic Life Support	02/14/12	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS 1058 BOUNDARY						
TURKEY CREEK	108711	108711	Aquatic Life Support	01/06/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT FOURTEENMILE CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

<b>BIG BLACK RIVER</b>						
<b>WATERSHED NAME</b>	<b>ASSESSMENT UNIT</b>	<b>§ 303(d) ID</b>	<b>USE</b>	<b>ASSESSMENT DATE</b>	<b>ASSESSMENT STATUS</b>	<b>CATEGORY</b>
UNNAMED TRIBUTARY TO PIGEON ROOST CREEK	100411	100411	Aquatic Life Support	03/04/10	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT PIGEON ROOST CREEK						
WILLIS CREEK	109511	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR GALLOWAY FROM HEADWATERS TO MOUTH AT BIG BLACK RIVER						
WOLF CREEK	101312	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: NEAR SHELBYTON FROM HEADWATERS TO CONFLUENCE WITH PATTS BRANCH						
ZILPHA CREEK	102711	N/A	Aquatic Life Support	11/16/15	Attaining	2
LOCATION: FROM CONFLUENCE TO MOUTH AT BIG BLACK RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

COASTAL STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BAY ST LOUIS BEACH	250111	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM WASHINGTON STREET TO THE CULVERT JUST NORTH OF RAMANEDA STREET						
BAYOU BACON	203812	N/A	Aquatic Life Support	01/07/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT JOURDAN RIVER						
BAYOU CASOTTE	200313	MS109E04M	Aquatic Life Support	02/08/10	Not Attaining	5
LOCATION: FROM CONFLUENCE OF WEST PRONG AND EAST PRONG TO TURNING BASIN						
BAYOU CASOTTE WEST PRONG	200312	MS109E04M	Aquatic Life Support	02/08/10	Not Attaining	5
LOCATION: FROM LOUISE STREET TO THE CONFLUENCE OF WEST PRONG AND EAST PRONG						
BAYOU CHICO	200314	N/A	Aquatic Life Support	02/15/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT MS SOUND						
BAYOU CUMBEST	200311	N/A	Aquatic Life Support	01/25/18	Not Attaining	5
LOCATION: NEAR ORANGE GROVE: FROM COUNTY ROAD EAST OF ORANGE GROVE TO MOUTH AT POINT AUX CHENES BAY						
BAYOU LA TERRE	204112	N/A				
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH UNNAMED TRIB						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

COASTAL STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BAYOU LA TERRE	204111	N/A				
LOCATION: FROM CONFLUENCE OF UNNAMED TRIB TO MWS 2040 BOUNDARY AT CONFLUENCE WITH						
BELL CREEK	205314	N/A	Aquatic Life Support	02/09/12	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT WOLF RIVER						
BERNARD BAYOU	202212	N/A	Aquatic Life Support	02/09/18	Attaining	2
LOCATION: AMBIENT BRIDGE SITE AT HANDSBORO BRIDGE						
BILOXI EAST BEACH	250318	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM DUKATE STREET TO LEE STREET						
BILOXI PORTER AVENUE BEACH	250317	N/A	Primary Contact (Recr)	12/18/17	Attaining	2
LOCATION: FROM ST PETER STREET TO ST FRANCIS STREET						
BILOXI RIVER	201311	N/A	Aquatic Life Support	01/25/18	Attaining	2
LOCATION: FROM MWS 2009 BOUNDARY TO MWS BOUNDARY 2020						
BILOXI WEST CENTRAL BEACH	250314	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM TRAVIA TO I'BERVILLE DRIVE						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

COASTAL STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BRICKYARD BAYOU	202215	N/A	Aquatic Life Support	02/15/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BERNARD BAYOU						
BUCCANEER STATE PARK BEACH	250113	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: 100 YARDS EAST TO 100 YARDS WEST OF SAMPLE LOCATION						
CATAHOULA CREEK	203311	203311	Aquatic Life Support	11/16/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH JOURDAN RIVER						
COSTAPIA BAYOU	201611	201611	Aquatic Life Support	01/16/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TCHOUTACABOUFFA RIVER						
COURTHOUSE ROAD BEACH	250315	250315	Primary Contact (Recr)	12/20/17	Attaining	2
LOCATION: FROM VA MAIN ENTRANCE TO COURTHOUSE ROAD						
CRANE CREEK	205211	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT WOLF RIVER						
DEAD TIGER CREEK	203711	203711	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: NEAR KILN FROM HEADWATERS TO CONFLUENCE WITH CATAHOULA CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

COASTAL STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
DELISLE BAYOU	205413	MS114DLE				
LOCATION: FROM HEADWATERS TO MOUTH AT ST LOUIS BAY						
EDGEWATER BEACH	250316	250316	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM DEBUYS ROAD TO EDGEWATER DRIVE						
FLAT BRANCH	202111	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR GULFPORT FROM HEADWATERS TO MOUTH AT BERNARD BAYOU						
FLAT BRANCH	200914	200914	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT SAUCIER CREEK						
FRONT BEACH	202613	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM YACHT CLUB TO JACKSON STREET						
GULF PARK ESTATES BEACH	250411	250411	Aquatic Life Support	02/13/12	Not Attaining	5
LOCATION: FROM PELICAN AVE TO DEER STREET			Primary Contact (Recr)	12/18/17	Not Attaining, Tmdl Completed	4A
GULFPORT CENTRAL BEACH	250312	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM ALFONSO DRIVE TO VA MAIN ENTRANCE						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

COASTAL STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
GULFPORT EAST BEACH	250313	250313	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM LAUREL DRIVE TO ANNISTON AVENUE						
GULFPORT HARBOR BEACH	250311	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM 15TH STREET TO THORNTON AVENUE						
GULFPORT WEST BEACH	250212	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM MARIE AVENUE TO CAMP AVENUE						
HICKORY CREEK	203511	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM MWS 2034 BOUNDARY TO MOUTH AT CATAHOULA CREEK						
HICKORY CREEK	203411	N/A	Aquatic Life Support	12/01/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MWS 2035 BOUNDARY						
HORSE CREEK	200711	N/A	Aquatic Life Support	01/07/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BILOXI RIVER						
JOURDAN RIVER	203911	N/A	Aquatic Life Support	01/25/18	Attaining	2
LOCATION: FROM CONFLUENCE WITH BACON BAYOU TO MWS 2042 BOUNDARY			Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

COASTAL STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
KEEGAN BAYOU	202412	N/A	Secondary Contact	02/17/12	Attaining	2
LOCATION: SOUTH OF BACK BAY OF BILOXI, UNDER I10						
LAKESHORE BEACH	250114	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: NEAR LAKESHORE DRIVE EXTENDING 700 METERS EITHER SIDE OF SAMPLE LOCATION FROM THE SILVER SLIPPER CASINO TO POINTSET AVENUE						
LITTLE BILOXI RIVER	201211	N/A	Aquatic Life Support	01/07/14	Attaining	2
LOCATION: FROM MWS 2011 BOUNDARY TO MOUTH AT BILOXI RIVER						
LITTLE BILOXI RIVER	201111	N/A	Aquatic Life Support	01/06/10	Attaining	2
LOCATION: FROM HEADWATERS TO MWS 2012 BOUNDARY						
LONG BEACH	250213	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM OAK GARDENS TO GIRARD						
MILL CREEK	203611	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT CATAHOULA CREEK						
MILL CREEK	204011	N/A	Aquatic Life Support	02/09/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT ROTTEN BAYOU						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

COASTAL STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
MURDER CREEK	205011	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT WOLF RIVER						
OLD FORT BAYOU	202511	N/A	Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM BAYOU TALLA TO THE 2024 WATERSHED BOUNDARY AT WASHINGTON ST BRIDGE						
OLD FORT BAYOU	202411	N/A	Primary Contact (Recr)	04/01/02	Attaining	2
LOCATION: FROM MWS 2025 BOUNDARY AT WASHINGTON STREET BRIDGE TO BILOXI BAY						
ORPHAN CREEK	203811	N/A	Aquatic Life Support	01/07/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BAYOU BACON						
PALMER CREEK	200915	200915	Aquatic Life Support	11/16/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BILOXI RIVER						
PASCAGOULA BEACH EAST	250512	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM WESTWOOD STREET TO GRAND OAKS						
PASCAGOULA BEACH WEST	250511	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM OLIVER STREET TO WESTWOOD						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

COASTAL STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
PASS CHRISTIAN CENTRAL	250215	N/A	Primary Contact (Recr)	12/20/17	Attaining	2
LOCATION: FROM HENDERSON AVENUE TO HIERN AVENUE						
PASS CHRISTIAN EAST BEACH	250211	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM EPSY AVENUE TO HAYDEN STREET						
PASS CHRISTIAN WEST BEACH	250214	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM FORT HENRY AVENUE TO ELLIOT STREET						
RAILROAD CREEK	201411	201411	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT RAMSEY CREEK						
RETIRED SEGMENT	205411	N/A				
LOCATION: DUPLICATED SEGMENT ID 2006 2008 DELISLE BAYOU 2012 2014 WOLF RIVER						
ROTTEN BAYOU	204014	N/A	Aquatic Life Support	02/09/18	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE OF 204012						
SANDY CREEK	205313	N/A	Aquatic Life Support	02/09/12	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT WOLF RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

COASTAL STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
SAUCIER CREEK	201011	N/A	Aquatic Life Support	01/14/14	Attaining	2
LOCATION: FROM HEADWATERS TO MWS 2009 BOUNDARY						
SHEARWATER BEACH	202612	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM WEEKS BAYOU TO HALSTEAD ROAD						
TCHOUTACABOUFFA RIVER	202011	N/A	Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH TUXACHANIE CREEK TO CONFLUENCE WITH BILOXI RIVER						
TCHOUTACABOUFFA RIVER	201511	MS117M1	Primary Contact (Recr)	12/18/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH RAMSEY CREEK TO CONFLUENCE WITH TUXACHANIE CREEK						
TIGER CREEK	200912	200912	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BILOXI RIVER						
TURKEY CREEK	202211	202211	Aquatic Life Support	02/09/18	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH CANAL NUMBER 2 TO HWY 49 BRIDGE			Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
TURKEY CREEK	202214	N/A	Aquatic Life Support	02/15/18	Attaining	2
LOCATION: FROM HWY 49 TO MOUTH AT BERNARD BAYOU			Primary Contact (Recr)	12/11/17	Not Attaining, Tmdl Completed	4A

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

COASTAL STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
TUXACHANIE CREEK	201711	N/A	Aquatic Life Support	01/07/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH BIGFOOT CREEK						
TUXACHANIE CREEK	201911	N/A	Aquatic Life Support	01/25/18	Attaining	2
LOCATION: FROM MWS BOUNDARY TO 2018 TO MOUTH AT TCHOUTACABOUFFA RIVER			Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
UNNAMED TRIBUTARY TO BAYOU LASALLE	204013	N/A	Aquatic Life Support	02/12/18	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BAYOU LASALLE						
UNNAMED TRIBUTARY TO ROTTEN BAYOU	204012	N/A	Aquatic Life Support	12/01/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT ROTTEN BAYOU						
UNNAMED TRIBUTARY TO TURKEY CREEK	202213	N/A	Aquatic Life Support	01/07/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT TURKEY CREEK						
WAVELAND BEACH	250112	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM OAK STREET TO FARVE STREET						
WEST CREEK	201012	200912	Aquatic Life Support	02/09/18	Attaining	2
LOCATION: FROM CONFLUENCE WITH MCHENRY BRANCH TO MOUTH AT SAUCIER CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

COASTAL STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
WOLF CREEK	205312	205312	Aquatic Life Support	11/16/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT WOLF RIVER						
WOLF RIVER	205414	MS111M1	Aquatic Life Support	01/31/18	Attaining	2
LOCATION: FROM MWS 2053 BOUNDARY TO BELLS FERRY ROAD			Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
WOLF RIVER	205111	N/A	Aquatic Life Support	02/21/12	Attaining	2
LOCATION: FROM CONFLUENCE OF SAVANNAH BRANCH AT MWS 2049 BOUNDARY TO CONFLUENCE WITH CRANE CREEK						
WOLF RIVER	205315	N/A	Aquatic Life Support	02/17/12	Attaining	2
LOCATION: FROM CONFLUENCE WITH CANE CREEK TO HWY 53 BRIDGE			Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
WOLF RIVER	205311	N/A	Aquatic Life Support	01/31/18	Attaining	2
LOCATION: FROM HWY 53 TO CONFLUENCE WITH SANDY CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

NORTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BEARMAN CREEK	302412	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM THE HEADWATERS TO N35°						
BELL CREEK	302012	N/A	Aquatic Life Support	11/29/17	Not Attaining	5
LOCATION: BELL CREEK FROM THE HEADWATERS TO THE MOUTH AT WEST PRONG MUDDY CREEK						
BRIDGE CREEK	301912	N/A	Aquatic Life Support	11/16/15	Attaining	2
LOCATION: FROM HEADWATERS TO HATCHIE RIVER						
BRIDGE CREEK	301011	MS203BE	Aquatic Life Support	11/16/15	Not Attaining, Tmdl Completed	4A
LOCATION: AT CORINTH FROM HEADWATERS TO CONFLUENCE WITH TUSCUMBIA RIVER CANAL			Secondary Contact	12/02/09	Not Attaining, Tmdl Completed	4A
BYNUM CREEK	300413	N/A	Aquatic Life Support	11/16/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT HINKLE CREEK						
CLEAR CREEK	301812	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT HATCHIE RIVER						
DRY CREEK	301711	301711	Secondary Contact	11/23/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM JUMPERTOWN WWTF TO CONFLUENCE WITH HATCHIE RIVER						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

NORTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
EASTES CREEK	301112	N/A	Aquatic Life Support	11/16/15	Not Attaining	5
LOCATION: FROM THE CONFLUENCE WITH UNDERWOOD CREEK TO THE MOUTH AT TUSCUMBIA RIVER CANAL						
ELAM CREEK	301012	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT BRIDGE CREEK						
FOURTH CREEK	301913	N/A	Aquatic Life Support	11/16/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT HATCHIE RIVER						
GRAYS CREEK	303511	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO TN STATE LINE						
HATCHIE RIVER	301811	N/A	Aquatic Life Support	02/09/12	Attaining	2
LOCATION: FROM CONFLUENCE WITH CLEAR CREEK TO CONFLUENCE WITH ELLIOT CREEK						
HATCHIE RIVER	302411	N/A	Aquatic Life Support	01/25/18	Not Attaining, Tmdl Completed	4A
LOCATION: FROM THE MWS 3019 BOUNDARY TO THE MS/TN STATE LINE						
HINKLE CREEK	300412	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TUSCUMBIA RIVER CANAL						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

NORTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
HORN LAKE CREEK	304311	N/A	Aquatic Life Support	02/09/18	Attaining	2
LOCATION: FROM HEADWATERS TO MS/TN STATE LINE						
LITTLE CANE CREEK	301213	N/A	Aquatic Life Support	02/09/18	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TUSCUMBIA RIVER CANAL						
MCELROY CREEK	301113	N/A	Aquatic Life Support	11/30/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TUSCUMBIA RIVER CANAL						
MUDDY CREEK	302111	N/A	Aquatic Life Support	02/08/18	Not Attaining, Tmdl Completed	4A
LOCATION: FROM 3020 MWS BOUNDARY TO 3023 MWS BOUNDARY						
NONCONNAH CREEK	304011	N/A	Secondary Contact	12/02/09	Attaining	2
LOCATION: FROM HEADWATERS TO MS/TN STATE BOUNDARY						
OWL CREEK	301412	301412	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT LITTLE HATCHIE RIVER						
PARMICA CREEK	300712	MS203TM2	Aquatic Life Support	11/30/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT TUSCUMBIA RIVER CANAL						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

NORTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
PORTERS CREEK	302811	N/A	Aquatic Life Support	12/12/17	Attaining	2
LOCATION: FROM HEADWATERS TO TN STATE LINE						
ROBINSON BOTTOM	303211	N/A	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: ROBERSON CREEK FROM HEADWATERS TO MOUTH AT WOLF RIVER						
TAREBREECHES CREEK	301212	301212	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TUSCUMBIA RIVER CANAL						
TURKEY CREEK	302112	N/A	Aquatic Life Support	11/16/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT MUDDY CREEK						
TUSCUMBIA RIVER CANAL	301211	N/A	Aquatic Life Support	01/25/18	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH EASTES CREEK TO CONFLUENCE WITH TAREBREECHES						
TUSCUMBIA RIVER CANAL	301111	N/A	Aquatic Life Support	03/10/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE OF UNKNOWN TRIB TO THE CONFLUENCE OF EASTES CREEK						
WEST PRONG MUDDY CREEK	302011	302011	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT MUDDY CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
ANDERSON BRANCH	401711	401711	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT OKAHATTA CREEK						
ARCHUSA CREEK	405111	405111	Aquatic Life Support	01/09/14	Not Attaining	5
LOCATION: FROM HEADWATERS AT UNNAMED IMPOUNDMENT TO MWS 4052 BOUNDARY						
ARCHUSA CREEK WATER PARK	405212	405212	Aquatic Life Support	01/25/18	Attaining	2
LOCATION: AT QUITMAN			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A
BEAVER CREEK	406311	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH CHICKASAWHAY RIVER						
BEAVER CREEK	421212	421212	Aquatic Life Support	11/20/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT HICKORY CREEK						
BEAVER LAKE	418913	N/A	Aquatic Life Support	01/25/18	Not Attaining	5
LOCATION: NEAR PURVIS						
BEAVERDAM BRANCH	418912	N/A	Aquatic Life Support	02/21/12	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT LITTLE BLACK CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BEAVERDAM CREEK	419612	N/A				
LOCATION: FROM MWS 4195 BOUNDARY TO CONFLUENCE WITH BLACK CREEK						
BEAVERDAM CREEK	419511	N/A	Aquatic Life Support	02/21/12	Attaining	2
LOCATION: FROM CONFLUENCE OF BOWENS BAY AT 4194 BOUNDARY TO MWS 4196 BOUNDARY			Primary Contact (Recr)	12/11/17	Attaining	2
BIG CEDAR CREEK	417611	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM MWS 4175 BOUNDARY TO MOUTH AT PASCAGOULA RIVER						
BIG CEDAR CREEK	417511	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT MWS 4176 BOUNDARY						
BIG CREEK	419012	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BLACK CREEK						
BIG CREEK	406911	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM CONFLUENCE OF HELL HOLE CREEK TO CONFLUENCE WITH MASON CREEK						
BIG CREEK	409911	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM MWS 4098 BOUNDARY TO MOUTH AT LEAF RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BIG CREEK	417211	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MWS 4173 BOUNDARY						
BIG CREEK	411711	N/A	Aquatic Life Support	02/21/12	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BOUIE CREEK						
BIG CREEK	406711	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM CONFLUENCE WITH LITTLE CREEK MOUTH AT CHICKASAWHAY RIVER						
BLACK CREEK	421111	421111	Aquatic Life Support	01/25/18	Attaining	2
LOCATION: FROM CONFLUENCE WITH CYPRESS CREEK TO MWS 4215 BOUNDARY			Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
BLACK CREEK	418412	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH MONROE CREEK						
BLACK CREEK	418511	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM CONFLUENCE WITH MONROE CREEK TO CONFLUENCE WITH PERKINS CREEK AT MWS 4186						
BLACK CREEK	419611	N/A	Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH MACKLIN CREEK TO CONFLUENCE WITH CYPRESS CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BLACK CREEK	418711	N/A	Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 4186 BOUNDARY TO CONFLUENCE AT LITTLE BLACK CREEK						
BLACK CREEK	421511	421511	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM MWS BOUNDARY 4211 TO MWS BOUNDARY 4216						
BLUFF CREEK	420611	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH RED CREEK						
BLUFF CREEK	417811	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM MWS 4177 BOUNDARY TO CONFLUENCE WITH MOUNGERS CREEK						
BOGUE HOMO CREEK	413912	N/A	Secondary Contact	11/30/09	Attaining	2
LOCATION: FROM HEADWATERS TO MWS 4140 BOUNDARY						
BOGUE HOMO CREEK	414011	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM MWS 4139 BOUNDARY TO LAKE BOGUE HOMO						
BOGUE HOMO CREEK	414111	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM LAKE BOGUE HOMO OUTFALL TO CONFLUENCE WITH MILL CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BOGUE HOMO CREEK	414211	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM CONFLUENCE WITH MILL CREEK TO MWS 4134 BOUNDARY						
BOGUE HOMO CREEK	424811	N/A	Aquatic Life Support	12/14/09	Attaining	2
LOCATION: FROM MWS 4143 BOUNDARY TO MWS 4145 BOUNDARY						
BOWIE RIVER	411811	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM MWS 4250 BOUNDARY AT I59 TO MOUTH AT LEAF RIVER						
BOWIE RIVER	411611	MS084M	Primary Contact (Recr)	12/11/17	Attaining	2
LOCATION: FROM CONFLUENCE WITH HAYDEN CREEK TO MWS 4250						
BOWIE RIVER	425012	N/A	Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH DRY CREEK TO MWS 4118 BOUNDARY AT I59						
BRUSHY CREEK	426111	N/A	Aquatic Life Support	02/21/12	Attaining	2
LOCATION: FROM CONFLUENCE WITH SCARBOROUGH CREEK AT MWS 4223 BOUNDARY TO ALABAMA STATE LINE						
BRUSHY CREEK	422311	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH SCARBOROUGH CREEK						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BRUSHY CREEK	407111	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BIG CREEK						
BUCKATUNNA CREEK	403211	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM CONFLUENCE WITH BROWNS CREEK AT MWS BOUNDARY 4028 TO CONFLUENCE WITH HURRICANE CREEK						
CASTAFFA CREEK	405411	N/A	Aquatic Life Support	02/21/12	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT SHUBUTA CREEK						
CEDAR CREEK	408611	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT QUARTERLIAH CREEK						
CHICKASAWHAY CREEK	400411	N/A	Aquatic Life Support	11/29/17	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE OF OKATIBBEE CREEK AT THE MWS4005 BOUNDARY						
CHICKASAWHAY RIVER	404412	N/A	Aquatic Life Support	01/25/18	Attaining	2
LOCATION: FROM CONFLUENCE WITH OKATIBBEE CREEK TO RIVER ROAD BRIDGE CROSSING AT STONEWALL						
CHICKASAWHAY RIVER	405911	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM MWS BOUNDARY 4053 TO CONFLUENCE WITH EUCUTTA CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
CHICKASAWHAY RIVER	424011	N/A	Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 4045 TO CONFLUENCE WITH FALLEN CREEK						
CHICKASAWHAY RIVER	406212	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM CONFLUENCE WITH YELLOW CREEK TO COUNTY ROAD BRIDGE						
CHICKASWAY RIVER	407711	N/A	Aquatic Life Support	02/12/18	Attaining	2
LOCATION: FROM BOUNDARY WITH MWS 4075 TO MWS BOUNDARY 4078						
CHUNKY CREEK	401811	401811	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: FROM CONFLUENCE WITH SMITH BRANCH TO MOUTH AT OKAHATTA CREEK						
CHUNKY CREEK	401511	401511	Aquatic Life Support	12/07/09	Not Attaining	5
LOCATION: FROM HEADWATERS NEAR UNION TO MWS BOUNDARY 4018						
CHUNKY RIVER	402312	N/A	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH CHUNKY CREEK AND POTTERCHITTO CREEK TO THE MWS4026 BOUNDARY						
CHUNKY RIVER	402612	N/A	Primary Contact (Recr)	11/30/09	Attaining	2
LOCATION: FROM CONFLUENCE WITH TALLAHATTA CREEK TO CONFLUENCE WITH POSSUM CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
CHUNKY RIVER	402611	N/A	Aquatic Life Support	11/30/09	Not Attaining	5
			Primary Contact (Recr)	03/05/18	Attaining	2
			LOCATION: FROM CONFLUENCE WITH POSSUM CREEK TO MOUTH AT CHICKASAWHAY RIVER			
CHUNKY RIVER	402613	N/A	Primary Contact (Recr)	11/30/09	Attaining	2
			LOCATION: FROM MWS 4023 BOUNDARY TO CONFLUENCE WITH TALLAHATTA CREEK			
CLEAR CREEK	409212	N/A	Aquatic Life Support	11/20/15	Attaining	2
			LOCATION: FROM HEADWATERS TO MOUTH AT OAKOHAY CREEK			
CLEAR CREEK	409013	N/A	Aquatic Life Support	01/09/14	Not Attaining	5
			LOCATION: FROM HEADWATERS TO MOUTH AT OAKAHAY CREEK			
COLDWATER CREEK	404011	N/A	Aquatic Life Support	11/19/15	Attaining	2
			LOCATION: FROM HEADWATERS TO MOUTH AT BUCKATUNNA CREEK			
COUNTRY CLUB LAKE	425014	MS085CCLM				
LOCATION: JUST BELOW HEADWATERS OF MINERAL CREEK						
CRAWFORD CREEK	406612	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
			LOCATION: FROM HEADWATERS TO MOUTH AT BIG CREEK			

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
CYPRESS CREEK	420512	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH RED CREEK						
CYPRESS CREEK	421011	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS TO MWS 4211 BOUNDARY						
DAVIS DEAD RIVER	417614	417614	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR OLD AMERICUS						
DOUBLE BRANCH	419911	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM HEADWATERS TO 4200 MWS BOUNDARY						
DRY CREEK	411111	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: NEAR TERRELL FROM HEADWATERS TO MOUTH AT BOWIE CREEK						
DRY CREEK	406613	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BIG CREEK						
DRY CREEK	403811	403811	Aquatic Life Support	11/20/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BUCKATUNNA CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
EAST PASCAGOULA RIVER	418312	MSEPASR	Fish Consumption	01/20/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE OF ESCATAWPA RIVER TO THE GULF OF MEXICO						
EAST PASCAGOULA RIVER	418313	MSEPASR	Fish Consumption	01/20/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 4182 TO CONFLUENCE WITH ESCATAWPA RIVER						
EAST PASCAGOULA RIVER	418212	MSEPASR	Fish Consumption	01/20/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM SPLIT WITH W PASCAGOULA RIVER TO MWS BOUNDARY 4183 AT INTERSTATE 10						
ESCATAWPA RIVER	423112	MS107M2	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH SPRING CREEK TO MWS BOUNDARY 4234						
ESCATAWPA RIVER	423111	MS107M1	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR HURLEY FROM MWS 4230 BOUNDARY TO CONFLUENCE WITH SPRING CREEK						
ESCATAWPA RIVER	423412	MS107M2	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 4231 TO I10 BRIDGE						
EAST PASCAGOULA RIVER	422911	MS107M1	Aquatic Life Support	01/29/18	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR AGRICOLA FROM MS/AL STATE LINE TO CONFLUENCE WITH RED CREEK			Fish Consumption	01/20/10	Not Attaining, Tmdl Completed	4A

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
ESCATAWPA RIVER	423011	MS107M1	Aquatic Life Support	12/01/15	Not Attaining, Tmdl Completed	4A
			Fish Consumption	01/20/10	Not Attaining, Tmdl Completed	4A
			LOCATION: FROM CONFLUENCE WITH RED CREEK TO MWS 4231 BOUNDARY			
EUCUTTA CREEK	405811	405811	Aquatic Life Support	12/14/17	Attaining	2
			LOCATION: FROM OUTFALL OF SMALL UNNAMED POND TO CONFLUENCE WITH CHICKASAWHAY RIVER			
FALLEN CREEK	424012	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
			LOCATION: FROM HEADWATERS TO MOUTH AT CHICKASAWHAY RIVER			
FAULK DITCH	407811	N/A	Aquatic Life Support	01/09/14	Attaining	2
			LOCATION: FROM HEADWATERS TO MOUTH AT CHICKASAWHAY RIVER			
FIVE MILE CREEK	424211	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
			LOCATION: NEAR CARMICHAEL FROM HEADWATERS TO MOUTH AT BUCKATUNNA CREEK			
FLAT CREEK	423211	N/A	Aquatic Life Support	11/30/17	Attaining	2
			LOCATION: FROM ALABAMA STATE LINE TO MWS4231 BOUNDARY			
FLINT CREEK	420211	420211	Aquatic Life Support	11/20/15	Not Attaining	5
			LOCATION: FROM OUTFALL OF FLINT CREEK RESERVOIR TO MOUTH AT RED CREEK			

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
FLINT CREEK RESERVOIR	420212	N/A	Aquatic Life Support	02/15/18	Attaining	2
LOCATION: FLINT CREEK RESERVOIR						
GAINES CREEK	415911	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM THE CONFLUENCE OF SAND HILL CREEK AND PINEY WOODS CREEK TO THE MWS4160 BOUNDARY						
GOODWATER CREEK	410212	410212	Secondary Contact	11/20/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MCGEE POTW TO CONFLUENCE WITH OKATOMA CREEK						
GORDON CREEK	405011	405011	Aquatic Life Support	11/20/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT SOUENLOVIE CREEK						
GRANNY CREEK	425712	N/A	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: FORM HEADWATERS TO MOUTH AT BLACK CREEK						
GREEN CREEK	407712	N/A	Aquatic Life Support	01/23/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT ROBERTSON CREEK						
GRIFFIN CREEK	424511	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT CHICKASAWHAY RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
HELL HOLE CREEK	406813	N/A	Aquatic Life Support	03/19/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BIG CREEK						
HICKORY CREEK	421211	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH BLACK CREEK						
HORSE BRANCH	413612	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR HEIDELBERG FROM HEADWATERS TO MOUTH AT TALLAHATTAH CREEK						
HORTONS MILL CREEK	406111	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH CHICKASAWHAY RIVER						
HOUSTON CREEK	400312	N/A	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT OKATIBBEE CREEK						
HURRICANE CREEK	402911	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BUCKATUNNA CREEK						
INDIAN CREEK	417612	417612	Aquatic Life Support	11/20/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT PASCAGOULA RIVER						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
IRBY MILL CREEK	403212	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BUCKATUNNA CREEK						
KEYS MILL CREEK	409412	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT LEAF RIVER						
KIRBY CREEK	425811	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM LAKE TOC-A-LEEN TO MOUTH AT RED CREEK						
KITTRELL MILL CREEK	406912	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BIG CREEK			Secondary Contact	11/24/09	Attaining	2
LEAF RIVER	408411	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM MWS 4082 BOUNDARY TO MWS 4265 BOUNDARY						
LEAF RIVER	412311	N/A	Aquatic Life Support	02/12/18	Attaining	2
LOCATION: FROM MWS 4122 BOUNDARY TO CONFLUENCE WITH BOWIE RIVER						
LEAF RIVER	416211	N/A	Aquatic Life Support	02/12/18	Attaining	2
LOCATION: FROM CONFLUENCE WITH PRIESTS CREEK TO CONFLUENCE WITH REESES CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LEAF RIVER	408211	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM CONFLUENCE WITH TALLABOGUE CREEK AND UPPER LEAF RIVER TO CONFLUENCE WITH MWS 4084 BOUNDARY						
LEAF RIVER	416412	N/A	Aquatic Life Support	02/12/18	Attaining	2
LOCATION: FROM CONFLUENCE WITH MILL CREEK TO CONFLUENCE WITH CARTER CREEK			Primary Contact (Recr)	12/18/17	Not Attaining, Tmdl Completed	4A
LEONARDS MILL CREEK	410312	410312	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT OKATOMA CREEK						
LITTLE BLACK CREEK	418911	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM 4188 MWS BOUNDARY TO CONFLUENCE WITH BLACK CREEK						
LITTLE CEDAR CREEK	417411	417411	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BIG CEDAR CREEK						
LITTLE CREEK	406712	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BIG CREEK						
LITTLE OAKAHAY CREEK	408912	408912	Aquatic Life Support	01/16/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT OAKAHAY CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LITTLE RED CREEK	420811	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT RED CREEK						
LITTLE ROCK CREEK	401311	N/A	Aquatic Life Support	12/01/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT TALLASHUA CREEK						
LONG CREEK	403111	403111	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM MWS 4030 BOUNDARY TO MOUTH AT BUCKATUNNA CREEK						
LONG CREEK	403011	403011	Aquatic Life Support	12/01/09	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH GAYS BRANCH TO MWS 4031						
MARTIN CREEK	420012	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT RED CREEK						
MARTIN CREEK	407813	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO LEAKSVILLE POTW OUTFALL						
MARTIN CREEK	407812	N/A	Aquatic Life Support	11/30/17	Not Attaining	5
LOCATION: FROM LEAKSVILLE POTW OUTFALL DOWNSTREAM TO MOUTH AT CHICKASAWHAY RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
MAYNOR CREEK	406411	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM MAYNOR CREEK WATER PARK TO MOUTH AT BIG CREEK						
MCMILLAN CREEK	416911	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH LEAF RIVIER						
MERRITT CREEK	416811	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH LEAF RIVER						
MIDDLE CREEK	419613	N/A	Aquatic Life Support	12/01/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BLACK CREEK						
MILL CREEK	404211	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BUCKATUNNA CREEK						
MILL CREEK	418612	N/A	Aquatic Life Support	11/29/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BLACK CREEK						
MONROE CREEK	418411	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BLACK CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
MOUNGERS CREEK	417911	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH BLUFF CREEK						
OAKAHAY CREEK	409012	N/A	Aquatic Life Support	12/14/09	Attaining	2
LOCATION: FROM CONFLUENCE WITH LITTLE OAKAHAY CREEK AT MWS 4089 BOUNDARY TO CONFLUENCE WITH CLEAR CREEK						
OAKAHAY CREEK	408911	MS076E	Aquatic Life Support	01/09/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH LITTLE OAKAHAY CREEK						
OAKAHAY CREEK	409311	N/A	Aquatic Life Support	02/21/12	Attaining	2
LOCATION: FROM CONFLUENCE WITH CLEAR CREEK AT MWS 4092 BOUNDARY TO MOUTH AT LEAF RIVER						
Oakey Woods Creek	425111	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT LEAF RIVER						
OKAHATTA CREEK	401712	N/A	Aquatic Life Support	01/08/14	Attaining	2
LOCATION: FROM MWS 4016 BOUNDARY TO MOUTH AT CHUNKY CREEK						
OKATIBBEE CREEK	400311	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MWS 4005 BOUNDARY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
OKATIBBEE CREEK	400511	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM BOUNDARY WITH MWS 4003 TO MOUTH AT OKATIBBEE LAKE						
OKATIBBEE CREEK	401111	401111	Aquatic Life Support	12/07/09	Not Attaining	5
LOCATION: FROM MWS 4010 BOUNDARY TO MOUTH AT CHICKASAWHAY RIVER						
OKATIBBEE CREEK	401011	401011	Aquatic Life Support	01/26/18	Not Attaining	5
LOCATION: FROM CONFLUENCE OF SOWASHEE CREEK TO MWS 4011 BOUNDARY						
OKATIBBEE LAKE	400512	N/A	Aquatic Life Support	02/12/18	Attaining	2
LOCATION: IN LAUDERDALE COUNTY						
OKATOMA CREEK	410011	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM CONFLUENCE WITH DRY CREEK TO MWS 4102 BOUNDARY						
OKATOMA CREEK	410311	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM CONFLUENCE OF MCLAUREN CREEK TO CONFLUENCE WITH SHELBY CREEK						
OKATOMA CREEK	410511	N/A	Aquatic Life Support	02/20/18	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH ROGERS CREEK TO CONFLUENCE WITH BIG SWAMP CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
OKATOMA CREEK	410811	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM MWS 4107 BOUNDARY TO CONFLUENCE WITH BOUIE RIVER						
PASCAGOULA RIVER	417613	MSPASRM1	Fish Consumption	01/19/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 4173 TO MWS BOUNDARY 4181						
PASCAGOULA RIVER	418215	MSPASRM1	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 4181 TO PASCAGOULA RIVER SPLIT						
PASCAGOULA RIVER	417112	MSPASRM1	Fish Consumption	01/19/01	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR BENNDALE FROM CONFLUENCE WITH LEAF RIVER AND CHICKASAWHAY RIVER TO						
PASCAGOULA RIVER	418111	MSPASRM1	Fish Consumption	01/20/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 4176 TO MWS BOUNDARY 4182			Primary Contact (Recr)	12/12/17	Attaining	2
PASCAGOULA RIVER	417311	MSPASRM1	Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 4171 TO MWS BOUNDARY 4176						
PATTON CREEK	406211	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: NEAR WAYNESBORO FROM WAYNESBORO LAKE TO MOUTH AT CHICKASAWHAY RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
PEARCES CREEK	419311	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH BLACK CREEK						
PENANTLY CREEK	404712	404712	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT SOUENLOVIE CREEK						
PINEY WOODS CREEK	415811	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT GAINES CREEK						
POPLAR CREEK	419212	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH BLACK CREEK						
POTTERCHITTO CREEK	402311	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM CONFLUENCE WITH TARLOW CREEK TO CONFLUENCE WITH CHUNKY CREEK						
POTTERCHITTO CREEK	423611	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM 4021 MWS BOUNDARY TO 4023 MWS BOUNDARY						
PRAIRIE CREEK	413911	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR HEILDELBURG FROM HEADWATERS TO MOUTH AT BOGUE HOMO						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
PRIESTS CREEK	416112	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT LEAF RIVER						
PROVIDENCE CREEK	425013	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BOUIE RIVER						
RED CREEK	420911	MS103RM	Aquatic Life Support	11/30/15	Attaining	2
LOCATION: FROM CONFLUENCE WITH FLURRY MILL POND BRANCH TO MOUTH AT BLACK CREEK			Primary Contact (Recr)	12/12/17	Attaining	2
RED CREEK	420712	MS103RM	Aquatic Life Support	01/23/14	Attaining	2
LOCATION: FROM MWS 4205 BOUNDARY TO CONFLUENCE WITH BLUFF CREEK			Primary Contact (Recr)	11/23/09	Not Attaining, Tmdl Completed	4A
RED CREEK	420511	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM CONFLUENCE WITH OLD CREEK TO MWS 4207 BOUNDARY						
RED CREEK	420711	N/A	Aquatic Life Support	02/12/18	Not Attaining	5
LOCATION: FROM MWS 4206 BOUNDARY AT CONFLUENCE WITH BLUFF CREEK TO 4209 BOUNDARY AT RED CREEK ROAD						
RED CREEK	419711	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MWS 4198 BOUNDARY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
REESE CREEK	416213	N/A	Aquatic Life Support	04/01/02	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR HATTIESBURG FROM HEADWATERS TO TEMPLE ROAD						
REESE CREEK	416212	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM TEMPLE RD TO MOUTH AT LEAF RIVER						
RHODES BAYOU	426411	N/A	Aquatic Life Support	01/31/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH OF BEARDSLEE LAKE						
RICHARDSON MILL/POTTERCHITTO CREEK	401911	N/A	Aquatic Life Support	12/14/09	Attaining	2
LOCATION: NEAR NEWTON FROM HEADWATERS TO MOUTH AT POTTERCHITTO CREEK						
ROCKY CREEK	426211	N/A	Aquatic Life Support	11/20/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT ESCATAWPA RIVER						
ROCKY CREEK	403311	403311	Aquatic Life Support	01/09/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BUCKATUNNA CREEK						
SAND HILL CREEK	415711	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT GAINES CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
SCOTCHENFLIPPER CREEK	404612	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT SOUENLOVIE CREEK						
SHELTON CREEK	410812	410812	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT OKATOMA CREEK						
SHUBUTA CREEK	405511	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM CONFLUENCE WITH HOLLICAR CREEK TO CONFLUENCE WITH BOGUE HOMO						
SKIFFER CREEK	410912	MS081SE	Aquatic Life Support	12/01/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT BOUIE CREEK						
SOUENLOVIE CREEK	404811	404811	Aquatic Life Support	02/21/12	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH PENANTLY CREEK TO CONFLUENCE WITH TWISTWOOD						
SOWASHEE CREEK	400911	400911	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH UNNAMED TRIB AT MWS 4237 BOUNDARY TO CONFLUENCE WITH OKATIBBEE CREEK						
SOWASHEE CREEK	423711	MS061	Aquatic Life Support	02/27/12	Not Attaining	5
LOCATION: FROM 4008 MWS BOUNDARY TO 4009 MWS BOUNDARY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
SOWASHEE CREEK	400811	400811	Aquatic Life Support	02/27/12	Not Attaining	5
LOCATION: AT MERIDIAN FROM HEADWATERS TO CONFLUENCE WITH UNNAMED TRIB AT MWS 4237 BOUNDARY						
STATION CREEK	425112	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT OAKEY WOODS CREEK						
TALLABOGUE CREEK	424611	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT LEAF RIVER						
TALLAHALA CREEK	415511	N/A	Aquatic Life Support	02/20/18	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH COURTNEY CREEK TO MWS 4156 BOUNDARY						
TALLAHALA CREEK	413311	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM MWS 4130 BOUNDARY TO MWS 4135 BOUNDARY						
TALLAHALA CREEK	413711	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: FROM CONFLUENCE OF TALLAHATA CREEK TO CONFLUENCE OF BIG REELY CREEK						
TALLAHALA CREEK	413712	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH BIG REELY CREEK TO MWS 4138 BOUNDARY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
TALLAHALA CREEK	413812	N/A	Aquatic Life Support	04/01/05	Not Attaining	5
LOCATION: FROM MWS 4137 BOUNDARY TO CONFLUENCE WITH TALLAHOMA CREEK						
TALLAHALLA CREEK	413511	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM MWS 4135 BOUNDARY TO CONFLUENCE WITH TALLAHATTAH CREEK AT MWS 4137 BOUNDARY						
TALLAHATTA CREEK	402411	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO 4025 MWS BOUNDARY						
TALLAHATTAH CREEK	413611	N/A	Aquatic Life Support	12/15/17	Attaining	2
LOCATION: FROM HEADWATERS TO MWS 4135 BOUNDARY						
TALLAHOMA CREEK	412511	412511	Aquatic Life Support	12/01/09	Not Attaining	5
LOCATION: NEAR LAUREL FROM CONFLUENCE WITH PINEY BRANCH TO MWS 4127 BOUNDARY						
TALLAHOMA CREEK	412911	412911	Aquatic Life Support	12/01/09	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH HORSE CREEK TO CONFLUENCE WITH TALLAHALA CREEK						
TALLAHOMA CREEK	412711	412711	Aquatic Life Support	02/21/12	Not Attaining	5
LOCATION: FROM MWS 4125 BOUNDARY TO CONFLUENCE WITH TERRAPIN CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
TALLAHOMA CREEK	412811	412811	Aquatic Life Support	12/01/09	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH TERRAPIN CREEK TO CONFLUENCE WITH HORSE CREEK						
TALLASHUA CREEK	401412	401412	Aquatic Life Support	12/01/17	Attaining	2
LOCATION: FROM MWS 4012 BOUNDARY TO CONFLUENCE WITH LITTLE ROCK CREEK						
TALLASHUA CREEK	401211	N/A	Aquatic Life Support	01/08/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH MURPHY BRANCH						
TENMILE CREEK	420312	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT RED CREEK						
TERRIBLE CREEK	411311	411311	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BOUIE RIVER						
THOMPSON CREEK	415111	N/A	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: FROM CONFLUENCE WITH BYRD BRANCH TO CONFLUENCE WITH BEAVER DAM CREEK						
THOMPSON CREEK	415211	N/A	Aquatic Life Support	11/20/15	Attaining	2
LOCATION: FROM HEADWATERS AT THOMPSON CREEK SEGMENT 12 TO MWS 4165 BOUNDARY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
TIGER CREEK	414512	414512	Aquatic Life Support	01/10/14	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH EAST TIGER CREEK TO MOUTH AT BOGUE HOMO						
TURKEY CREEK	407611	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BYRD CREEK						
TWISTWOOD CREEK	423811	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM CONFLUENCE OF NORTH AND SOUTH TWISTWOOD CREEK TO MOUTH AT SOUINLOVIE CREEK						
UNNAMED TRIBUTARY OF LEAF	416511	N/A	Aquatic Life Support	04/01/02	Not Attaining, Tmdl Completed	4A
LOCATION: AT BEAUMONT FROM HEADWATERS TO MOUTH AT LEAF RIVER						
UNNAMED TRIBUTARY TO OAKAHAY CREEK	409014	409014	Aquatic Life Support	01/16/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT OAKAHAY CREEK						
UNT TO OAKOHAY CREK	409015	N/A	Aquatic Life Support	02/21/12	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT OAKOHAY CREEK						
UPPER LEAF RIVER	408111	MS073UE	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH TALLABOGUE CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PASCAGOULA RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
WEST BOUIE CREEK	411212	411212	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BOUIE RIVER						
WEST LITTLE THOMPSON CREEK	415112	MS093T1E	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT THOMPSON CREEK						
WEST PASCAGOULA RIVER	418213	MSWPASR	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH BLUFF CREEK TO MWS BOUNDARY 4183 AT INTERSTATE 10						
WEST PASCAGOULA RIVER	418214	MSWPASR	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM PASCAGOULA RIVER SPLIT TO CONFLUENCE WITH MOUNGERS CREEK						
WEST PASCAGOULA RIVER	418314	MSWPASR	Fish Consumption	01/20/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 4182 TO GULF OF MEXICO						
WEST TALLAHALA CREEK	408511	MS074M2	Aquatic Life Support	12/01/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH QUARTERLIAH CREEK						
WEST TALLAHALA CREEK	408711	MS074M2	Aquatic Life Support	12/01/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH QUARTERLIAH CREEK TO MWS 4088 BOUNDARY						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

<b>PASCAGOULA RIVER</b>						
<b>WATERSHED NAME</b>	<b>ASSESSMENT UNIT</b>	<b>§ 303(d) ID</b>	<b>USE</b>	<b>ASSESSMENT DATE</b>	<b>ASSESSMENT STATUS</b>	<b>CATEGORY</b>
WEST TALLAHALA CREEK	408811	MS074M2	Aquatic Life Support	02/21/12	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 4087 BOUNDARY TO MOUTH AT LEAF RIVER						
WHISKEY CREEK	417011	MS097E	Aquatic Life Support	01/10/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS 4171 BOUNDARY						
WHITE CREEK	425611	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT PASCAGOULA RIVER						
YELLOW CREEK	406011	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH CHICKASAWHAY RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
ANCHOR LAKE	520013	N/A	Aquatic Life Support	01/26/18	Attaining	2
LOCATION: NEAR CARRIER SPILLWAY						
ASHLOG CREEK	508313	N/A	Aquatic Life Support	02/09/18	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT PELAHATCHIE CREEK						
BAHALA CREEK	513811	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH RUSSELL CREEK						
BAHALA CREEK	513911	513911	Aquatic Life Support	12/01/09	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH RUSSEL CREEK TO CONFLUENCE WITH LITTLE BAHALA						
BAHALA CREEK	514111	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM CONFLUENCE WITH LITTLE BAHALA CREEK TO MOUTH AT PEARL RIVER						
BEAR CREEK	514611	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT FAIR RIVER						
BEAVER CREEK	521413	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR JOHNSTONS STATION FROM OUTFALL OF DIXIE SPRINGS LAKE TO MOUTH AT BOGUE CHITTO RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BEAVER LAKE	511312	N/A	Aquatic Life Support	02/15/18	Attaining	2
LOCATION: BEAVER LAKE						
BIG BRANCH	519213	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT LITTLE HELL CREEK						
BIG CREEK	513211	N/A	Aquatic Life Support	11/18/15	Not Attaining	5
LOCATION: FROM MWS 5131 BOUNDARY TO MOUTH AT STRONG RIVER						
BOGUE CHITTO	521712	MSBGCHTRM3	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 5216 TO PIKE/WALTHALL COUNTY LINE						
BOGUE CHITTO	521011	MSBGCHTRM1	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR ENTERPRISE FROM CONFLUENCE OF HALBERT BRANCH AND EAST BOGUE CHITTO TO 5211 MWS						
BOGUE CHITTO	521112	MSBGCHTRM1	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 5210/5209 TO CONFLUENCE OF BOONE CREEK						
BOGUE CHITTO	521414	MSBGCHTRM3	Aquatic Life Support	12/21/09	Attaining	2
LOCATION: FROM HWY 570 BRIDGE TO MWS BOUNDARY 5215			Fish Consumption	12/21/09	Not Attaining, Tmdl Completed	4A

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BOGUE CHITTO  LOCATION: FROM MAGEES CREEK TO LA STATE LINE	522811	MSBGCHT	Aquatic Life Support	01/29/18	Attaining	2
			Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
			Primary Contact (Recr)	12/12/17	Attaining	2
BOGUE CHITTO  LOCATION: FROM CONFLUENCE WITH BOONE CREEK TO CONFLUENCE WITH MYERS CREEK	521111	MSBGCHTRM2	Aquatic Life Support	04/01/14	Not Attaining	5
			Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
BOGUE CHITTO  LOCATION: FROM MWS BOUNDARY 5213 TO MS HIGHWAY 570 BRIDGE	521411	521411	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
BOGUE CHITTO  LOCATION: FROM PIKE/WALTHALL COUNTY LINE TO MWS BOUNDARY 5218	521711	MSBGCHTRM4	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
			Primary Contact (Recr)	12/12/17	Attaining	2
BOGUE CHITTO RIVER  LOCATION: FROM MWS BOUNDARY 5217 TO MAGEES CREEK	521811	MSBGCHTRM4	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
BOGUE CHITTO RIVER  LOCATION: FROM MWS BOUNDARY 5214 TO MWS BOUNDARY 5216	521511	MSBGCHTRM3	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
BOGUE CHITTO RIVER  LOCATION: FROM MWS BOUNDARY 5215 TO MWS BOUNDARY 5217	521611	MSBGCHTRM4	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BOGUE CHITTO RIVER	521311	MSBGCHTRM2	Aquatic Life Support	04/01/02	Not Attaining	5
			Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
			LOCATION: FROM CONFLUENCE WITH MYERS CREEK TO JOHNSONS STATION (5214 MWS BOUNDARY)			
BOONE CREEK	521113	N/A	Aquatic Life Support	11/18/15	Not Attaining	5
			LOCATION: FROM HEADWATERS TO MOUTH AT BOGUE CHITTO			
BRUSHY CREEK	510911	N/A	Aquatic Life Support	11/19/15	Attaining	2
			LOCATION: FROM HEADWATERS TO MOUTH AT PEARL RIVER			
CAMPBELL CREEK	512211	MS165CE	Aquatic Life Support	12/13/17	Attaining	2
			LOCATION: FROM HEADWATERS TO MOUTH AT STRONG RIVER			
CANE CREEK	507411	N/A	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
			LOCATION: NEAR GOSHEN SPRINGS FROM HEADWATERS AT RAILROAD TRACKS SOUTH OF HWY 43 TO ROSS BARNETT RESERVOIR FLOOD POOL			
CANEY CREEK	511411	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
			LOCATION: FROM HEADWATERS TO MOUTH AT STRONG RIVER			
CLABBER CREEK	521412	N/A	Aquatic Life Support	12/13/17	Attaining	2
			LOCATION: FROM HEADWATERS TO MOUTH AT BOGUE CHITTO RIVER			

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
CLEAR CREEK	521512	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BOGUE CHITTO (521511)						
CLEAR CREEK	508611	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT PELAHATCHIE CREEK						
CLEAR CREEK	517611	N/A	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: NEAR SANDY HOOK FROM HEADWATERS TO MOUTH AT PEARL RIVER						
COBBS CREEK	504111	N/A	Aquatic Life Support	01/10/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT LOBUTCHA CREEK						
COFFEE BOGUE	507811	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM 5077 MWS BOUNDARY TO MOUTH AT PEARL RIVER						
COLE CREEK	506111	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MWS 5059 BOUNDARY						
CONEHOMA CREEK	506611	MS147M2	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HWY 35 BRIDGE TO MOUTH AT YOCKANOOKANY RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
COON CREEK	503713	N/A	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT LOBUTCHA CREEK						
CRYSTAL LAKE	509411	N/A	Aquatic Life Support	02/15/18	Attaining	2
LOCATION: CRYSTAL LAKE						
DABBS CREEK	512611	MS167DE	Aquatic Life Support	11/19/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 5125 BOUNDARY TO MOUTH AT STRONG RIVER						
DIXIE SPRINGS LAKE	521415	N/A	Aquatic Life Support	02/16/18	Attaining	2
LOCATION: DIXIE SPRINGS LAKE						
EAST FORK GREENS CREEK	515412	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH WEST FORK GREENS CREEK						
EAST HOBOLOCHITTO CREEK	520111	N/A	Aquatic Life Support	02/16/12	Attaining	2
LOCATION: FROM MWS 5200 BOUNDARY TO CONFLUENCE WITH WEST HOBOLOCHITTO CREEK						
EUTACUTACHEE CREEK	508511	N/A	Aquatic Life Support	02/08/18	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR PELAHATCHIE FROM HEADWATERS TO MOUTH AT PELAHATCHIE CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
FAIR RIVER	514511	N/A	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: FROM CONFLUENCE WITH BEAR CREEK TO CONFLUENCE WITH PEARL RIVER						
FANNEGUSHA CREEK	508111	MS151FE	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH ROLLISON CREEK TO MOUTH AT ROSS BARNETT RESERVOIR						
GREENS CREEK	515411	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM CONFLUENCE OF WEST FORK GREENS CREEK AND EAST FORK GREENS CREEK TO MOUTH AT PEARL RIVER						
HALBERT BRANCH	521012	MS187HE	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: AT BROOKHAVEN FROM HEADWATERS TO CONFLUENCE WITH EAST BOGUE CHITTO CREEK						
HALLS CREEK	515011	N/A	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: NEAR MONTICELLO FROM HEADWATERS TO MOUTH AT THE PEARL RIVER						
HARPER CREEK	516512	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT PEARL RIVER						
HOLIDAY CREEK	516311	516311	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH UNNAMED TRIBUTARY AT MWS 5162 BOUNDARY TO MOUTH AT PEARL RIVER						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
HOLIDAY CREEK	516211	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH UNNAMED TRIB AT MWS 5163 BOUNDARY						
HOLLYBUSH CREEK	508612	N/A	Aquatic Life Support	01/09/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT CLEAR CREEK						
HONTOKALO CREEK	504711	N/A	Aquatic Life Support	11/18/15	Not Attaining	5
LOCATION: NEAR STEEL FROM HEADWATERS TO MOUTH AT LITTLE (SOUTH) CANAL						
INDIAN CREEK	510212	510212	Aquatic Life Support	01/09/14	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR PEARL FROM HEADWATERS TO CONFLUENCE WITH STEEN CREEK						
JAYBIRD CREEK	516011	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT WHITE SAND CREEK						
JOFUSKA CREEK	501911	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO WETLAND ADJACENT TO THE PEARL RIVER AT MWS BOUNDARY 5027						
JUMPOFF CREEK	519913	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH JUNIPER CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
KENNEDY CREEK	519513	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH WEST HOBOLOCHITTO CREEK						
KENTAWKA CANAL	502711	N/A				
LOCATION:						
LAKE HIDE-A-WAY	519712	N/A	Aquatic Life Support	02/01/18	Attaining	2
LOCATION: NEAR PICAYUNE NEAR DAM						
LAND CREEK	500911	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BOGUE CHITTO RIVER						
LEATHERWOOD CREEK	521612	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BOGUE CHITTO						
LIMESTONE CREEK	511011	511011	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT PEARL RIVER						
LINE CREEK	508312	508312	Aquatic Life Support	02/08/18	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT PELAHATCHIE CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LITTLE BAHALA CREEK	514011	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BAHALA CREEK						
LITTLE COPIAH CREEK	513312	513312	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT COPIAH CREEK						
LITTLE HELL CREEK	519212	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT WEST HOBOLOCHITTO CREEK						
LOBUTCHA CREEK	503711	N/A	Aquatic Life Support	01/10/14	Attaining	2
LOCATION: FROM PEELER BRANCH TO MWS 5040 BOUNDARY						
LONG BRANCH	519612	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH WEST HOBOLOCHITTO CREEK						
LOVE CREEK	521713	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BOGUE CHITTO						
LOWER LITTLE CREEK	517711	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH GULLY CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LOWER LITTLE CREEK	517911	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM CONFLUENCE WITH HURRICANE CREEK TO MOUTH AT PEARL RIVER						
LOWER LOBUTCHA CREEK	504011	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM 5037 MWS BOUNDARY TO PEARL RIVER						
LUKFAPA CREEK	502111	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT PEARL RIVER						
LUNELUAH CREEK	502311	N/A	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BEASHA CREEK						
LYNCH CREEK	509311	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: AT JACKSON FROM HEADWATERS TO THE PEARL RIVER						
MAGEES CREEK	522511	N/A	Primary Contact (Recr)	02/13/12	Attaining	2
LOCATION: FROM US98 BRIDGE TO CONFLUENCE OF DRY CREEK IN TYLERTOWN						
MAGEES CREEK	522311	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 5224						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
MAGEES CREEK	522611	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM CONFLUENCE OF DRY CREEK IN TYLERTOWN TO MOUTH AT BOGUE CHITTO			Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
MORAN CREEK	520012	N/A	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT EAST HOBOLOCHITTO CREEK						
MOUNTAIN CREEK	510411	N/A	Aquatic Life Support	01/14/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH STEEN CREEK						
NOXAPATER CREEK	501311	MS123NE	Aquatic Life Support	01/10/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH UNNAMED TRIBUTARY NEAR THE BOUNDARY WITH MWS 5014						
OWL CREEK	501111	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR PRESTON FROM HEADWATERS TO THE BOGUE CHITTO RIVER						
PEARL RIVER	514711	N/A	Primary Contact (Recr)	10/21/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH PRETTY BRANCH TO MWS BOUNDARY 5149						
PEARL RIVER	516511	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM CONFLUENCE WITH HOLIDAY CREEK TO MWS BOUNDARY 5166						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
PEARL RIVER	502011	N/A	Aquatic Life Support	01/31/18	Attaining	2
LOCATION: FROM CONFLUENCE OF KENTAWKA CANAL TO THE MWS 5028 BOUNDARY						
PEARL RIVER	510012	N/A	Aquatic Life Support	12/11/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE OF BIG CREEK TO MWS 5106 BOUNDARY						
PEARL RIVER	520611	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM MWS 5204 BOUNDARY TO MWS 5207 BOUNDARY						
PEARL RIVER	510711	510711	Aquatic Life Support	12/11/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 5106 TO CONFLUENCE WITH WEEKS MILL CREEK			Primary Contact (Recr)	12/11/17	Not Attaining, Tmdl Completed	4A
PEARL RIVER	510011	N/A	Aquatic Life Support	12/01/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH TRAYHON CREEK TO CONFLUENCE WITH BIG CREEK			Primary Contact (Recr)	12/01/15	Not Attaining, Tmdl Completed	4A
PEARL RIVER	509111	N/A	Aquatic Life Support	12/11/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH HANGING MOSS CREEK TO MWS 5092 BOUNDARY			Secondary Contact	12/19/13	Not Attaining, Tmdl Completed	4A
PEARL RIVER	509512	N/A	Primary Contact (Recr)	12/19/13	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH RICHLAND CREEK TO CONFLUENCE WITH CANEY CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
PEARL RIVER	503312	MSUPRLRM2	Aquatic Life Support	01/10/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH PELLAPHALIA CREEK TO CONFLUENCE WITH TUSCOLAMETA CREEK						
PEARL RIVER	507211	MSUMPRL	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE OF YOCKANOOKANY RIVER TO CONFLUENCE OF COFFEE BOGUE						
PEARL RIVER	508911	N/A	Aquatic Life Support	12/11/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM ROSS BARNETT RESERVOIR TO CONFLUENCE WITH HANGING MOSS CREEK			Secondary Contact	12/19/13	Not Attaining, Tmdl Completed	4A
PEARL RIVER	509312	N/A	Secondary Contact	12/19/13	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HWY 80 TO CONFLUENCE WITH RICHLAND CREEK						
PEARL RIVER	518211	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM CONFLUENCE WITH BIG CREEK TO MWS BOUNDARY 5184 BELOW HIGHWAY 26						
PEARL RIVER	509511	N/A	Aquatic Life Support	02/20/18	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH CANEY CREEK TO CONFLUENCE WITH TRAHON CREEK			Secondary Contact	12/19/13	Not Attaining, Tmdl Completed	4A
PEARL RIVER	509211	N/A	Secondary Contact	12/19/13	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HWY 25 AT MWS 5092 BOUNDARY TO HWY 80						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
PEARL RIVER	503311	MSUMPRL	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE OF TUSCOLAMETA CREEK TO CONFLUENCE OF YOCKANOOKANY RIVER						
PELAHATCHIE CREEK	508311	N/A	Aquatic Life Support	02/09/18	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT PEARL RIVER						
PELAHATCHIE CREEK EMBAYMENT ROSS BARNETT RESERVOIR	508812	N/A	Aquatic Life Support	02/12/18	Attaining	2
LOCATION: PELAHATCHIE CREEK EMBAYMENT OF THE ROSS BARNETT RESERVOIR, RANKIN COUNTY						
PELLAPHALIA CREEK	507212	N/A	Aquatic Life Support	02/09/18	Not Attaining	5
LOCATION: FROM HEADWATERS TOMOUTH AT PEARL RIVER						
PICKENS CREEK	504112	N/A	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT COBBS CREEK						
PRETTY BRANCH	514811	N/A	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: NEAR FERGUSON FROM HEADWATERS TO THE PEARL RIVER						
PRICE CREEK	519512	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH WEST HOBOLOCHITTO CREEK						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
PURVIS CREEK	511711	N/A	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT STRONG RIVER						
PUSHEPATAPA CREEK	518511	N/A	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: FROM HEADWATERS TO LA STATE LINE						
RASPBERRY CREEK	511611	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT STRONG RIVER						
RAWLS CREEK	517311	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT RAWLS BAY IN PEARL RIVER FLOODPLAIN						
RED CANE CREEK	508012	MS151M2	Aquatic Life Support	02/14/12	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR LEESBURG FROM HEADWATERS TO MOUTH AT FANNEGUSHA CREEK						
RIALS CREEK	512712	512712	Aquatic Life Support	02/15/12	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH SIMMONS BRANCH						
RIALS CREEK	512711	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM SIMMONS BRANCH TO MOUTH AT STRONG RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
ROSS BARNETT RESERVOIR	507412	N/A	Aquatic Life Support	03/27/14	Attaining	2
LOCATION: ROSS BARNETT RESERVOIR AT JACKSON, MS						
ROSS BARNETT RESERVOIR	507511	N/A	Aquatic Life Support	02/12/18	Attaining	2
LOCATION: ROSS BARNETT RESERVOIR AT JACKSON, MS						
RUSSELL CREEK	513812	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BAHALA CREEK						
SHIOLA CREEK	507111	N/A	Aquatic Life Support	01/09/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MWS 5070 BOUNDARY						
SILVER CREEK	521812	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BOGUE CHITTO						
SILVER CREEK	522911	N/A	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO LA STATE LINE						
SILVER CREEK	515611	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH FIDDLERS CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
SILVER CREEK	515811	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM 5157 MWS BOUNDARY TO PEARL RIVER						
SILVER CREEK	515711	N/A	Aquatic Life Support	12/16/09	Attaining	2
LOCATION: FROM CONFLUENCE OF FIDDLERS CREEK TO 5158 MWS BOUNDARY						
SIMON CREEK	513711	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT IRVING CREEK						
STEEL CREEK	513511	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT THE PEARL RIVER						
STEEN CREEK	510311	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM MWS 5102 BOUNDARY TO MOUTH AT PEARL RIVER						
STRONG RIVER	512411	N/A	Aquatic Life Support	12/21/09	Attaining	2
LOCATION: FROM 5119 MWS BOUNDARY TO CONFLUENCE WITH ALLEN CREEK						
STRONG RIVER	511911	N/A	Aquatic Life Support	02/12/18	Attaining	2
LOCATION: NEAR D'LO FROM MWS 5115 BOUNDARY TO MWS 5124 BOUNDARY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
STRONG RIVER	512911	N/A	Aquatic Life Support	12/18/09	Attaining	2
			Primary Contact (Recr)	12/12/17	Attaining	2
			LOCATION: FROM 5124 MWS BOUNDARY TO MOUTH AT PEARL RIVER			
SUGAR BOGUE	507612	507612	Aquatic Life Support	02/14/12	Not Attaining	5
			LOCATION: NEAR FORKVILLE FROM HEADWATERS TO MOUTH AT COFFEE BOGUE			
TENMILE CREEK	517211	N/A	Aquatic Life Support	12/13/17	Attaining	2
			LOCATION: FROM HEADWATERS TO MOUTH AT PEARL RIVER			
TIBBY CREEK	505811	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
			LOCATION: FROM CONFLUENCE WITH ROBINSON BRANCH TO 5056 MWS BOUNDARY			
TILTON CREEK	515311	N/A	Aquatic Life Support	02/16/12	Attaining	2
			LOCATION: FROM HEADWATERS TO MOUTH AT PEARL RIVER			
TOPISAW CREEK	522211	N/A	Aquatic Life Support	11/18/15	Not Attaining	5
			LOCATION: FROM 5219 MWS BOUNDARY TO CONFLUENCE AT BOGUE CHITTO			
TOWN CREEK	503211	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
			LOCATION: AT CARTHAGE FROM HEADWATERS TO THE PEARL RIVER			

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
TUMBALOO CREEK	509711	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH RICHLAND CREEK						
TURTLESkin CREEK	520511	N/A	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: NEAR SANTA ROSA FROM HEADWATERS TO CONFLUENCE WITH MIKES RIVER						
TUSCOLAMETA CREEK	505111	N/A	Aquatic Life Support	11/16/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS AT MWS 5046 BOUNDARY TO MOUTH AT PEARL RIVER						
UNNAMED TRIB TO HOLIDAY CREEK	516212	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT HOLIDAY CREEK						
UNNAMED TRIBUTARY TO CLEAR CREEK	521513	521513	Aquatic Life Support	12/01/09	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT CLEAR CREEK						
UNNAMED TRIBUTARY TO TALLAHAGA CREEK	500712	500712	Aquatic Life Support	12/02/09	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TALLAHAGA CREEK						
UPPER LITTLE CREEK	516911	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM 5168 MWS BOUNDARY TO 5170 MWS BOUNDARY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
UPPER LITTLE CREEK	517011	517011	Aquatic Life Support	02/16/12	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH GRAVES CREEK TO MOUTH AT PEARL RIVER						
UPPER LITTLE CREEK	516811	N/A	Aquatic Life Support	12/21/09	Attaining	2
LOCATION: FROM HEADWATERS TO 5169 MWS BOUNDARY						
UPPER LOBUTCHA CREEK	503611	N/A	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM 5035 MWS BOUNDARY TO 5037 MWS BOUNDARY						
UPPER LOBUTCHA CREEK	503411	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 5035						
UPPER LOBUTCHA CREEK	503511	N/A	Aquatic Life Support	02/12/18	Not Attaining, Tmdl Completed	4A
LOCATION: FROM 5034 MWS BOUNDARY TO MWS BOUNDARY 5036						
WEST FORK GREENS CREEK	515413	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH EAST FORK GREENS CREEK						
WEST FORK PUSHEPATAPA CREEK	522711	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO LA STATE LINE						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
WEST HOBOLOCHITTO CREEK	519211	N/A	Aquatic Life Support	02/16/12	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH LITTLE HELL CREEK						
WEST HOBOLOCHITTO CREEK	519511	N/A	Aquatic Life Support	12/17/09	Attaining	2
LOCATION: FROM CONFLUENCE WITH KENNEDY CREEK TO 5196 MWS BOUNDARY						
WEST HOBOLOCHITTO CREEK	519311	N/A	Aquatic Life Support	12/17/09	Attaining	2
LOCATION: FROM CONFLUENCE OF LITTLE HELL CREEK TO CONFLUENCE OF WHITE SAND CREEK						
WEST HOBOLOCHITTO CREEK	519411	N/A	Aquatic Life Support	12/17/09	Attaining	2
LOCATION: FROM WHITE SAND CREEK TO KENNEDY CREEK						
WESTVILLE CREEK	513011	N/A	Aquatic Life Support	12/01/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT STRONG RIVER						
WHITE SAND CREEK	516111	516111	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM CONFLUENCE WITH LITTLE WHITE SAND CREEK (JAYBIRD CREEK) TO MOUTH AT PEARL RIVER						
YOCKANOOKANY RIVER	506511	MS147E	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR KOSCIUSKO FROM MWS BOUNDARY 5062 TO MWS BOUNDARY 5067						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

PEARL RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
YOCKANOOKANY RIVER	506911	MS147E	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR SAINT ANN FROM MWS BOUNDARY 5068 TO MWS BOUNDARY						
YOCKANOOKANY RIVER	507011	MS147E	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 5069 TO MOUTH AT PEARL RIVER						
YOCKANOOKANY RIVER	505411	MS146YE	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 5956						
YOCKANOOKANY RIVER	505911	N/A	Aquatic Life Support	11/16/15	Attaining	2
LOCATION: FROM CONFLUENCE OF UNNAMED TRIB AT MCCOOL TO MWS BOUNDARY 5062						
YOCKANOOKANY RIVER	506711	MS147E	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR MCVILLE FROM MWS BOUNDARY 5065 TO MWS BOUNDARY 5068						
YOCKANOOKANY RIVER	506811	MS147E	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: NEAR THOMASTOWN FROM MWS BOUNDARY 5067 TO MWS BOUNDARY 5069			Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
YOCKANOOKANY RIVER	505611	MS146YE	Fish Consumption	01/21/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 5054 TO CONFLUENCE WITH UNNAMED TRIB AT MCCOOL						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BALA CHITTO CREEK	614111	N/A	Aquatic Life Support	11/29/17	Not Attaining	5
LOCATION: FROM MWS 6140 BOUNDARY TO STATE LINE						
BATES CREEK	608712	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT SANDY CREEK						
BAYOU PIERRE	600911	MS446BE	Aquatic Life Support	12/02/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH DYE BRANCH TO CONFLUENCE WITH BRUSHY CREEK						
BAYOU PIERRE	600711	MS446BE	Aquatic Life Support	12/02/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH DYE BRANCH						
BAYOU PIERRE	601611	N/A	Aquatic Life Support	01/10/18	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH TURKEY CREEK TO CONFLUENCE WITH WHITE OAK CREEK						
BAYOU PIERRE	602711	602711	Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH WHITE OAK CREEK TO CONFLUENCE WITH STORM CREEK						
BAYOU PIERRE	601111	MS446BE	Aquatic Life Support	01/09/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH BRUSHY CREEK TO CONFLUENCE WITH TURKEY CREEK			Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BAYOU PIERRE	603311	MS450E	Aquatic Life Support	11/16/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM BARLAND CREEK TO MOUTH AT BAYOU PIERRE NEAR PORT GIBSON						
BAYOU PIERRE	602812	N/A	Aquatic Life Support	02/01/18	Attaining	2
LOCATION: FROM CONFLUENCE WITH STORM CREEK TO CONFLUENCE WITH UNNAMED TRIBUTARY TO BAYOU PIERRE AT MWS 6029			Secondary Contact	12/03/09	Attaining	2
BAYOU PIERRE	604111	604111	Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH LITTLE BAYOU PIERRE TO CONFLUENCE WITH WIDOWS						
BAYOU SARA	610911	610911	Aquatic Life Support	01/12/18	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH DUNBAR CREEK						
BEAR CREEK	610514	610514	Aquatic Life Support	01/16/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BUFFALO RIVER						
BEAVER CREEK	613011	N/A	Aquatic Life Support	12/28/09	Attaining	2
LOCATION: FROM 6129 MWS BOUNDARY TO 6131 MWS BOUNDARY						
BEAVER CREEK	613111	N/A	Aquatic Life Support	12/28/09	Attaining	2
LOCATION: FROM MWS 6130 BOUNDARY TO MS/LA STATE BORDER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BEAVER CREEK	612911	N/A	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM HEADWATERS NEAR GLOSTER TO 6130 MWS BOUNDARY						
BIG PINEY CREEK	610211	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BUFFALO RIVER						
BOLLS CREEK	604611	604611	Aquatic Life Support	01/12/18	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH NORTH FORK COLES CREEK			Secondary Contact	12/04/09	Not Attaining, Tmdl Completed	4A
BOOTH'S CREEK	602813	N/A	Aquatic Life Support	01/12/18	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BAYOU PIERRE						
BROWNS CREEK	609612	N/A	Aquatic Life Support	11/18/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BUFFALO RIVER						
BRUSHY CREEK	601011	N/A	Aquatic Life Support	11/16/15	Attaining	2
LOCATION: FROM HEADWATERS AT CONFLUENCE WITH THOMPSON CREEK TO MOUTH AT BAYOU PIERRE						
BRUSHY CREEK	607711	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT HOMOCHITTO RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BRUSHY CREEK	607012	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT MIDDLE FORK HOMOCHITTO RIVER						
BUFFALO RIVER	610111	N/A	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: FROM MWS BOUNDARY 6098 TO MWS BOUNDARY 6104						
BUFFALO RIVER	609811	N/A	Aquatic Life Support	01/10/18	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 6096 TO MWS BOUNDARY 6101						
BUFFALO RIVER	609511	N/A	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 6096						
CARS CREEK	612112	N/A	Aquatic Life Support	12/01/17	Attaining	2
LOCATION: NEAR LIBERTY FROM HEADWATERS TO MOUTH AT EAST FORK AMITE RIVER						
CASTON CREEK	607611	N/A	Aquatic Life Support	12/13/17	Attaining	2
			Secondary Contact	11/30/09	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT HOMOCHITTO RIVER						
CLARKS CREEK	604011	604011	Aquatic Life Support	01/12/18	Attaining	2
LOCATION: FROM CONFLUENCE WITH BUCKINS CREEK AT MWS 6039 BOUNDARY TO MOUTH AT BARLAND CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
COMITE CREEK	613211	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: NEAR CENTREVILLE FROM HEADWATERS TO MOUTH AT LOUISIANA STATE LINE						
CROOKED CREEK	609011	N/A	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT HOMOCHITTO RIVER						
CYPRESS CREEK	608013	N/A	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT REDDING CREEK						
DAYS CREEK	612312	N/A	Aquatic Life Support	11/18/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT WEST FORK AMITE RIVER						
DOWD CREEK	600211	MS452E	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT RODNEY LAKE			Secondary Contact	11/24/09	Not Attaining, Tmdl Completed	4A
DRY BAYOU	608611	N/A	Aquatic Life Support	11/16/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT CANEY BRANCH						
DRY CREEK	608211	608211	Aquatic Life Support	01/10/18	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT HOMOCHITTO RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
DRY CREEK	608111	608111	Aquatic Life Support	02/13/12	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT HOMOCHITTO RIVER						
DRY FORK CREEK	609812	N/A	Aquatic Life Support	01/12/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BUFFALO RIVER						
DUNBAR CREEK	611011	N/A	Aquatic Life Support	01/12/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BAYOU SARA						
EAST FORK AMITE RIVER	612011	N/A	Aquatic Life Support	12/28/09	Attaining	2
LOCATION: FROM 6118 MWS BOUNDARY TO 6121 MWS BOUNDARY						
EAST FORK AMITE RIVER	611711	N/A	Aquatic Life Support	12/28/09	Attaining	2
LOCATION: FROM CONFLUENCE OF PUMPKIN PATCH CREEK TO MWS BOUNDARY 6118						
EAST FORK AMITE RIVER	611811	N/A	Aquatic Life Support	01/12/18	Attaining	2
LOCATION: FROM 6117 MWS BOUNDARY TO 6120 MWS BOUNDARY						
EAST FORK AMITE RIVER	612111	N/A	Aquatic Life Support	02/15/12	Attaining	2
LOCATION: FROM MWS BOUNDARY 6120 TO LOUISIANA STATE LINE			Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
EAST FORK AMITE RIVER	611611	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE OF PUMPKIN PATCH CREEK						
FAIRCHILDS CREEK	604812	N/A	Secondary Contact	12/03/09	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT MUD ISLAND CREEK						
FIFTEENMILE CREEK	606011	N/A	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT HOMOCHITTO RIVER						
FOLKES CREEK	605011	605011	Aquatic Life Support	01/09/14	Not Attaining	5
LOCATION: FROM CONFLUENCE OF STAMPLEY CREEK AND COMPTON CREEK TO MOUTH AT SOUTH FORK COLES CREEK						
FORDS CREEK	610011	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BUFFALO RIVER						
FOSTER CREEK	601911	N/A	Aquatic Life Support	01/12/18	Attaining	2
LOCATION: FROM CONFLUENCE OF JACKSON CREEK TO MOUTH AT BAYOU PIERRE						
FOSTER CREEK	608014	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT HOMOCHITTO RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
FOSTER CREEK	601711	N/A	Aquatic Life Support	11/16/15	Attaining	2
LOCATION: FOSTER CREEK FROM HEADWATERS TO CONFLUENCE WITH JACKSON CREEK						
GARRET CREEK	603811	603811	Aquatic Life Support	01/09/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT FOSTER CREEK						
HATCHER BAYOU	690411	690411	Aquatic Life Support	01/09/14	Not Attaining	5
LOCATION: FROM MWS 6902 TO MOUTH AT HENNESEYS BAYOU						
HAYS CREEK	610613	N/A	Aquatic Life Support	11/29/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT PERCY CREEK						
HOMINY CREEK	611911	N/A	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM HEADWATERS TO 6120 MWS BOUNDARY						
HOMINY CREEK	612012	N/A	Aquatic Life Support	01/06/10	Attaining	2
LOCATION: FROM MWS 6119 BOUNDARY TO MOUTH AT EAST FORK AMITE RIVER						
HOMOCHITTO RIVER	607812	N/A	Aquatic Life Support	01/26/18	Not Attaining	5
LOCATION: FROM THE MWS 6074 BOUNDARY TO THE CONFLUENCE WITH DRY CREEK						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
HOMOCHITTO RIVER	606111	N/A	Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 6059 BOUNDARY TO MWS6074 BOUNDARY						
HUGHES CREEK	603911	603911	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT CLARKS CREEK						
HURRICANE LAKE	606511	N/A	Aquatic Life Support	02/14/18	Attaining	2
LOCATION: HURRICANE LAKE						
JAMES CREEK	604311	MS451JE	Aquatic Life Support	02/10/12	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT BAYOU PIERRE						
LAKE COPIAH	601412	N/A	Aquatic Life Support	02/14/18	Attaining	2
LOCATION: LAKE COPIAH						
LAKE MARY	610412	N/A	Aquatic Life Support	03/28/14	Attaining	2
LOCATION: IN ADAMS AND WILKENS ON COUNTIES						
LAKE MARY	610513	N/A	Aquatic Life Support	03/28/14	Attaining	2
LOCATION: IN ADAMS AND WILKENS ON COUNTIES						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LAKE MARY	690711	N/A	Aquatic Life Support	02/01/18	Attaining	2
LOCATION: IN ADAMS AND WILKENS ON COUNTIES						
LITTLE BAYOU PIERRE	603211	MS450E	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM MWS BOUNDARY 6031 TO CONFLUENCE WITH BARLAND CREEK AT MWS 6033 BOUNDARY			Primary Contact (Recr)	12/12/17	Not Attaining, Tmdl Completed	4A
LITTLE BEAVER CREEK	612912	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BEAVER CREEK						
LITTLE BUFFALO RIVER	609711	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BUFFALO RIVER						
LONG CREEK	601311	N/A	Aquatic Life Support	11/16/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BAYOU PIERRE						
MCCALL CREEK	606611	N/A	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM CONFLUENCE OF HURRICANE CREEK TO MOUTH AT HOMOCHITTO RIVER						
MCCALL CREEK	606411	N/A	Aquatic Life Support	12/02/15	Attaining	2
LOCATION: FROM CONFLUENCE OF BLUE CREEK TO CONFLUENCE OF HURRICANE CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
MCGEHEE CREEK	606911	N/A	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM CONFLUENCE OF CANE MILL BRANCH AT MWS 6067 BOUNDARY TO MOUTH AT HOMOCHITTO RIVER						
MIDDLE FORK HOMOCHITTO RIVER	607211	N/A	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM CONFLUENCE OF CAMERON CREEK TO MOUTH AT HOMOCHITTO RIVER						
MIDDLE FORK HOMOCHITTO RIVER	607011	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE OF CAMERON CREEK AT MWS 6072 BOUNDARY						
MIDDLE FORK THOMPSON CREEK	611511	N/A	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: FROM HEADWATERS TO LA STATE LINE						
MILLBROOK CREEK	610512	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BUFFALO RIVER						
MORGAN FORK	607311	N/A	Aquatic Life Support	01/12/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT MIDDLE FORK HOMOCHITTO RIVER						
MUD ISLAND CREEK	604811	604811	Aquatic Life Support	01/12/18	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH FAIRCHILDS CREEK TO CONFLUENCE WITH NORTH FORK COLES CREEK			Secondary Contact	12/03/09	Attaining	2

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
MUDDY BAYOU	600212	600212	Aquatic Life Support	01/09/14	Not Attaining	5
LOCATION: NEAR ALCORN FROM IMPOUNDMENT IN HEADWATERS TO MOUTH AT DOWD CREEK						
NORTH DRY CREEK	606112	N/A	Aquatic Life Support	11/16/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT HOMOCHITTO RIVER						
NORTH FORK COLES CREEK	604711	604711	Aquatic Life Support	03/14/18	Attaining	2
LOCATION: FROM MWS BOUNDARY 6045 TO MOUTH AT COLES CREEK						
NORTH FORK COLES CREEK	604411	604411	Aquatic Life Support	03/14/18	Attaining	2
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 6045						
NORTH FORK COLES CREEK	604511	604511	Aquatic Life Support	01/12/18	Attaining	2
LOCATION: FROM MWS BOUNDARY 6044 TO MWS BOUNDARY 6047						
PACES BAYOU	690311	690311	Aquatic Life Support	01/09/14	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH REDBONE CREEK TO MOUTH AT HENNESSEYS BAYOU						
PERCY CREEK	610611	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BUFFALO RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
PICKNEYVILLE CREEK	611211	N/A	Aquatic Life Support	11/18/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT LITTLE BAYOU SARA						
PRETTY CREEK	608311	608311	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT HOMOCHITTO RIVER						
REDDING CREEK	608012	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT FOSTER CREEK						
RICHARDSON CREEK	607911	N/A	Aquatic Life Support	11/16/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT HOMOCHITTO RIVER						
ROBINSON CREEK	611812	N/A	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT EAST FORK AMITE RIVER						
SAINT CATHERINE CREEK	600511	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: AT NATCHEZ FROM HEADWATERS TO CONFLUENCE OF MELVIN BAYOU						
SAINT CATHERINE CREEK	600611	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: AT NATCHEZ FROM CONFLUENCE OF MELVIN BAYOU TO MOUTH AT MISSISSIPPI RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
SANDY CREEK	608811	N/A	Aquatic Life Support	11/16/15	Not Attaining	5
LOCATION: FROM CONFLUENCE OF SWAFFORD CREEK TO MOUTH AT HOMOCHITTO CREEK						
SMITH CREEK	609512	N/A	Aquatic Life Support	01/10/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BUFFALO RIVER						
STAFFORD CREEK	613212	N/A	Aquatic Life Support	12/04/09	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT COMITE CREEK						
STORM CREEK	602811	N/A	Aquatic Life Support	01/10/18	Not Attaining	5
LOCATION: NEAR CARLISLE FROM HEADWATERS TO MOUTH AT BAYOU PIERRE						
TALLAHALLA CREEK	602411	MS448E	Aquatic Life Support	01/09/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH LITTLE TALLAHALLA CREEK						
TALLAHALLA CREEK	602611	MS448E	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH LITTLE TALLAHALLA CREEK TO MOUTH AT WHITE OAK						
TANGIPAHOA RIVER	613811	N/A	Aquatic Life Support	01/26/18	Attaining	2
LOCATION: FROM CONFLUENCE WITH LITTLE TANGIPAHOA RIVER TO THE MS/LA STATE LINE						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
TANGIPAHOA RIVER	613612	N/A	Aquatic Life Support	12/14/09	Attaining	2
LOCATION: FROM MWS BOUNDARY 6135 TO MOUTH AT LAKE TANGIPAHOA (PERCY QUIN STATE PARK)						
TAR CREEK	608011	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT FOSTERS CREEK						
TERRYS CREEK	614211	614211	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MS/LA STATE BOUNDARY						
THOMPSON CREEK	611311	N/A	Aquatic Life Support	01/10/18	Not Attaining	5
LOCATION: FROM HEADWATERS NEAR CENTERVILLE TO LA STATE LINE						
TICKFAW RIVER	613311	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS NEAR MIXON TO MWS BOUNDARY 6134						
TURKEY CREEK	601411	N/A	Aquatic Life Support	01/12/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BAYOU PIERRE						
TURKEY CREEK	608112	N/A	Aquatic Life Support	01/12/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT HOMOCHITTO RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
WEST FORK AMITE RIVER	612511	N/A	Primary Contact (Recr)	12/12/17	Attaining	2
LOCATION: FROM MWS BOUNDARY 6124 TO LA STATE LINE						
WEST FORK THOMPSON CREEK	611411	N/A	Aquatic Life Support	01/12/18	Not Attaining	5
LOCATION: FROM HEADWATERS TO LA STATE LINE						
WHITE CREEK	610612	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT PERCY CREEK						
WHITE OAK CREEK	602011	MS447E	Aquatic Life Support	12/04/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH LITTLE WHITE OAK CREEK						
WHITE OAK CREEK	602211	MS447E	Aquatic Life Support	01/09/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE OF LITTLE WHITE OAK CREEK TO CONFLUENCE WITH TALLAHALLA CREEK						
WHITES CREEK	609311	MS469WE	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT SECOND CREEK						
WIDOWS CREEK	604112	N/A	Aquatic Life Support	01/09/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BAYOU PIERRE						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

SOUTH INDEPENDENT STREAMS						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
WILLIS CREEK	603411	N/A	Aquatic Life Support	01/12/18	Not Attaining	5
LOCATION: FROM HEADWATERS TO MWS 6035 BOUNDARY						
ZEIGLER CREEK	607811	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT HOMOCHITTO RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TENNESSEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BEAR CREEK	701111	N/A	Aquatic Life Support	01/26/18	Not Attaining	5
LOCATION: NEAR BURNSTOWN FROM UNNAMED TRIBUTARY NORTH OF COUNTY ROAD 86 TO ALABAMA						
CANEY CREEK	700312	N/A	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH LEITCH MILL BRANCH						
CANEY CREEK	700311	N/A	Aquatic Life Support	07/20/10	Attaining	2
LOCATION: FROM CONFLUENCE WITH LEICH MILL BRANCH TO MOUTH AT LITTLE YELLOW CREEK						
CHAMBERS CREEK	701811	N/A	Aquatic Life Support	12/12/17	Attaining	2
LOCATION: FROM TN STATE LINE TO TN STATE LINE						
CHOATE CREEK	700315	N/A	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT COKE CREEK						
COKE CREEK	700313	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO CANEY CREEK						
CRIPPLE DEER CREEK	701413	N/A	Aquatic Life Support	01/19/10	Attaining	2
LOCATION: FROM CONFLUENCE WITH LITTLE CRIPPLE DEER CREEK TO THE MS/AL STATE LINE						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TENNESSEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
CRIPPLE DEER CREEK	701411	701411	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH LITTLE CRIPPLE DEER CREEK						
HOLLY BRANCH	701211	N/A	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: NEAR IUKA FROM HEADWATERS TO MOUTH AT CEDAR CREEK						
INDIAN CREEK	700711	N/A	Aquatic Life Support	12/12/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT PICKWICK LAKE						
LEITCH MILL BRANCH	700314	N/A	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH CANEY CREEK						
LITTLE CRIPPLE DEER CREEK	701412	N/A	Aquatic Life Support	12/12/17	Attaining	2
LOCATION: NEAR TISHOMINGO FROM HEADWATERS TO MOUTH AT CRIPPLE DEER CREEK						
LITTLE YELLOW CREEK	701911	N/A	Aquatic Life Support	12/12/17	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH CANEY CREEK						
LITTLE YELLOW CREEK	700411	N/A	Aquatic Life Support	12/28/09	Attaining	2
LOCATION: FROM CONFLUENCE WITH CANEY CREEK TO THE MOUTH AT TENN TOM						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TENNESSEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LITTLE YELLOW CREEK	700211	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT TENNESSEE TOMBIGBEE WATERWAY						
MILL CREEK	701711	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO PICKWICK RESERVIOR						
PENNYWINKLE CREEK	701511	N/A	Aquatic Life Support	12/12/17	Attaining	2
LOCATION: FROM HEADWATERS TO ALABAMA STATE LINE						
PICKENS BRANCH	700712	N/A	Aquatic Life Support	12/12/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT INDIAN CREEK NEAR IUKA						
PICKWICK LAKE	700611	N/A	Aquatic Life Support	02/15/18	Attaining	2
LOCATION: TISHOMINGO COUNTY NEAR TN STATE LINE						
PICKWICK LAKE	700713	N/A	Aquatic Life Support	02/15/18	Attaining	2
LOCATION: IN TISHOMINGO COUNTY NEAR AL STATE LINE						
ROBINSON CREEK	700511	N/A	Aquatic Life Support	12/12/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT TENN TOM						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TENNESSEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
SEVENMILE CREEK	701812	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM TN STATELINE TO MOUTH AT CHAMBERS CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
ABERDEEN LAKE	803111	N/A	Aquatic Life Support	02/08/18	Attaining	2
LOCATION: NEAR ABERDEEN						
ALAMUCHEE CREEK	818311	818311	Aquatic Life Support	12/04/09	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH LITTLE ALAMUCHEE CREEK						
ALAMUCHEE CREEK	818411	818411	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM LITTLE ALMUCHEE CREEK TO ALABAMA STATE LINE						
ASH CREEK	816012	816012	Aquatic Life Support	02/14/12	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT NOXUBEE RIVER						
BAY SPRINGS LAKE	800112	N/A	Aquatic Life Support	02/14/18	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BAYOU SARA						
BAY SPRINGS LAKE	800111	N/A	Aquatic Life Support	02/08/18	Attaining	2
LOCATION: RESERVOIR OF THE UPPER TENN-TOM WATERWAY, TISHIAMINGO COUNTY						
BIG BROWN CREEK	800711	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM CONFLUENCE OF HURRICANE CREEK TO CONFLUENCE WITH LITTLE BROWN CREEK			Secondary Contact	11/24/09	Attaining	2

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BIG BROWN CREEK	800411	N/A	Aquatic Life Support	02/09/18	Attaining	2
LOCATION: FROM HEADWATERS TO STATE HIGHWAY 30						
BIG REED CREEK	817811	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT PONTA CREEK						
BIG SCOوبا CREEK	815511	N/A	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR SCOوبا FROM NEAR HAPPERS LAKE TO CONFLUENCE WITH BODKA CREEK						
BLACKWATER CREEK	817311	N/A	Aquatic Life Support	02/14/12	Attaining	2
LOCATION: FROM HEADWATERS TO 8174 MWS BOUNDARY						
BLUFF LAKE	812314	N/A	Aquatic Life Support	02/14/18	Attaining	2
LOCATION: BLUFF LAKE						
BODKA CREEK	815611	N/A	Aquatic Life Support	02/14/12	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR ELECTRIC MILLS FROM HEADWATERS TO ALABAMA STATE LINE						
BOGUEFALA CREEK	819211	N/A	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH GREENWOOD CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BOGUEGABA CREEK	802711	N/A	Aquatic Life Support	01/08/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT BOGUEFALA CREEK						
BRIAR CREEK	802212	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BULL MOUNTAIN CREEK						
BROWNING CREEK	812913	812913	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT NOXUBEE RIVER						
BUTTAHATCHEE RIVER	806711	N/A	Aquatic Life Support	01/26/18	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH SIPSEY CREEK TO MWS 8068 BOUNDARY			Secondary Contact	12/11/17	Attaining	2
CANE CREEK	807411	807411	Aquatic Life Support	01/08/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT HOULKA CREEK						
CAP BRANCH	817413	N/A	Aquatic Life Support	11/29/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT BLACKWATER CREEK						
CASEY CREEK	800812	N/A	Aquatic Life Support	02/07/18	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT DONIVAN CREEK						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
CATALPA CREEK	809011	MS025E	Aquatic Life Support	11/29/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO 8092 MWS BOUNDARY						
CEDAR CREEK	810711	MS031CE	Aquatic Life Support	11/19/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT ALICEVILLE POOL ON TENN-TOM WATERWAY						
CHICO CREEK	820912	820912	Aquatic Life Support	01/08/14	Not Attaining	5
LOCATION: NEAR HOUSTON FROM HEADWATERS TO MOUTH AT HOULKA CREEK						
CHINCHAHOMA CREEK	812811	812811	Aquatic Life Support	02/05/10	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT NOXUBEE RIVER						
CHIWAPA CREEK	805611	N/A	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Not Applicable	4C
LOCATION: FROM BOUNDARY WITH 8055 MWS TO CONFLUENCE WITH TUBBALUBBA CREEK AND TALLABINNELA CREEK						
CHIWAPA CREEK	805512	N/A	Aquatic Life Support	01/08/14	Not Attaining, Tmdl Not Applicable	4C
LOCATION: FROM 8054 MWS BOUNDARY TO CONFLUENCE WITH MUBBY CREEK						
CHUBBY CREEK	801911	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT GUM CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
CHUQUATONCHEE CREEK	807011	MS020CE	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 8069 BOUNDARY TO MWS 8208 BOUNDARY						
CHUQUATONCHEE CREEK	807211	MS020CE	Aquatic Life Support	12/09/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 8071 TO MWS BOUNDARY 8229						
CHUQUATONCHEE CREEK	820811	MS020CE	Aquatic Life Support	12/09/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 8070 TO MWS 8071 BOUNDARY						
CHUQUATONCHEE CREEK	807111	MS020CE	Aquatic Life Support	01/08/14	Attaining	2
LOCATION: FROM MWS 8208 BOUNDARY AT DICKS CREEK TO MWS 8072 BOUNDARY						
CHUQUATONCHEE CREEK	822911	MS020CE	Aquatic Life Support	12/09/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 8072 BOUNDARY TO MOUTH AT HOULKA CREEK						
CHUQUATONCHEE CREEK	806911	MS020CE	Aquatic Life Support	12/09/09	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR ABBOTT FROM HEADWATERS TO MWS 8070 BOUNDARY						
COLUMBUS LAKE	804314	N/A	Aquatic Life Support	02/09/18	Attaining	2
LOCATION: LOWNDES COUNTY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
COLUMBUS LAKE	809313	N/A	Aquatic Life Support	03/28/14	Attaining	2
LOCATION: COLUMBUS LAKE LOWNDES COUNTY						
COONEWAH CREEK	805311	805311	Aquatic Life Support	01/08/14	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH LITTLE COONEWAH CREEK TO MOUTH AT TOWN CREEK			Secondary Contact	12/03/09	Attaining	2
COOPER CREEK	809913	N/A	Aquatic Life Support	12/01/17	Attaining	2
LOCATION: NEAR STEEN FROM CONFLUENCE OF MAYHEW CREEK TO CONFLUENCE WITH YELLOW CREEK						
COWPENNA CREEK	805913	MS016CE	Aquatic Life Support	12/07/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT TOWN CREEK						
CUMMINGS CREEK	801511	N/A	Aquatic Life Support	12/14/09	Attaining	2
LOCATION: NEAR FULTON FROM HEADWATERS TO CONFLUENCE WITH TENNESSEE-TOMBIGBEE WATERWAY						
CYPRESS CREEK	812511	MS036E	Aquatic Life Support	12/08/09	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR CRAIG SPRINGS FROM HEADWATERS TO MWS 8126 BOUNDARY						
CYPRESS CREEK	812611	MS036E	Aquatic Life Support	12/08/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 8125 BOUNDARY TO MOUTH AT NOXUBEE RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
DONIVAN CREEK	800811	MS003DE	Aquatic Life Support	02/08/18	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT TOMBIGBEE RIVER						
DRY CREEK	804214	N/A	Aquatic Life Support	11/29/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TOWN CREEK						
DRY CREEK	812612	N/A	Aquatic Life Support	02/14/12	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT CYPRESS CREEK						
FULLER CREEK	804112	N/A	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TOWN CREEK						
GOODFOOD CREEK	807012	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT CHUQUATONCHEE CREEK						
GREEN CREEK	801811	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT TOMBIGBEE RIVER						
GREENWOOD CREEK	802611	802611	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT BOGUEFALA CREEK			Secondary Contact	11/23/09	Not Attaining, Tmdl Completed	4A

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
GUM CREEK	802011	N/A	Aquatic Life Support	01/08/14	Attaining	2
LOCATION: FROM 8019 MWS BOUNDARY TO CONFLUENCE WITH CYPRESS CREEK						
GUM CREEK	801913	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM ALABAMA STATE LINE TO CONFLUENCE WITH CHUBBY CREEK AT MWS8020 BOUNDARY						
HALFWAY CREEK	803011	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT ABERDEEN LAKE						
HANG KETTLE CREEK	804212	MS011E	Aquatic Life Support	11/19/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH TOWN CREEK						
HASHUQUA CREEK	813611	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO MWS 8137 BOUNDARY						
HOLLIS CREEK	812211	812211	Aquatic Life Support	02/14/12	Not Attaining	5
LOCATION: NEAR STARKVILLE FROM HEADWATERS TO MOUTH AT NOXUBEE RIVER						
HOULKA CREEK	807611	MS021EE	Aquatic Life Support	12/09/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 8209 BOUNDARY AT CONFLUENCE WITH CANE CREEK TO MWS 8077 BOUNDARY AT CONFLUENCE WITH LONG CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
HOULKA CREEK	807511	MS021EE	Aquatic Life Support	12/09/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 8073 BOUNDARY TO MWS 8209 BOUNDARY						
HOULKA CREEK	807311	MS021EE	Aquatic Life Support	12/09/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS 8075 BOUNDARY						
HOULKA CREEK	807711	MS021EE	Aquatic Life Support	12/09/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWYS 8076 BOUNDARY AT LONG CREEK TO CHUQUATONCHEE CREEK						
HOULKA CREEK	820911	MS021EE	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWYS 8075 TO CONFLUENCE WITH CANE CREEK						
HOWARD CREEK	810011	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM UNNAMED TRIB NEAR MOUNT PLEASANT CHURCH TO MOUTH AT LUXAPALLILA CREEK						
HOWARD CREEK	810012	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO UNNAMED TRIBUTARY NEAR MOUNT PLEASANT CHURCH						
JAMES CREEK	803711	MS009JE	Aquatic Life Support	01/08/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT TOMBIGBEE RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
JOES CREEK	813911	MS083M	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE AT NOXUBEE RIVER						
KINCAIDE CREEK	811011	811011	Aquatic Life Support	12/04/09	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR FORRESTON FROM AL STATE LINE TO NASH CREEK						
KINGS CREEK	805012	N/A	Aquatic Life Support	04/01/02	Not Attaining, Tmdl Completed	4A
LOCATION: AT TUPELO FROM HEADWATERS TO TOWN CREEK						
LAKE TOM BAILEY	818113	N/A	Aquatic Life Support	02/09/18	Attaining	2
LOCATION: AT TOOMSUBA FROM OUTFLOW TO TOOMSUBA CREEK						
LEEPER CREEK	805112	805112	Aquatic Life Support	01/08/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TOWN CREEK						
LITTLE BROWN CREEK	800712	800712	Aquatic Life Support	03/14/18	Attaining	2
LOCATION: FROM MWS 8006 TO CONFLUENCE WITH BIG BROWN CREEK						
LITTLE BROWN CREEK	800611	800611	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: NEAR MARIETTA FROM HEADWATERS TO MWS 8007 BOUNDARY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LOAKFOMA LAKE	812911	N/A	Aquatic Life Support	01/26/18	Not Attaining	5
LOCATION: NEAR OKTOC NEAR DAM						
LONG BRANCH	808312	N/A	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT LINE CREEK						
LONG BRANCH	808512	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: NEAR STARKVILLE FROM HEADWATERS TO TRIM CANE CREEK						
LONG CREEK	807612	807612	Aquatic Life Support	01/08/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT HOULKA CREEK						
LUXAPALLILA CREEK	821611	N/A	Aquatic Life Support	01/26/18	Not Attaining	5
LOCATION: FROM MWS 8094 BOUNDARY NEAR MS/AL STATE LINE TO CONFLUENCE AT YELLOW CREEK						
MACEDONIA CREEK	814211	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM CONFLUENCE WITH RUNNING WATER CREEK TO MOUTH AT NOXUBEE RIVER						
MACKEYS CREEK	800714	MS002ME	Aquatic Life Support	02/10/12	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS NEAR TOMBIGBEE RIVER TO MOUTH AT CAVENESS CREEK						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
MACKEYS CREEK	800713	MS002ME	Aquatic Life Support	12/09/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS AT TENNESSEE TOMBIGBEE WATERWAY TO MOUTH AT BIG BROWN CREEK						
MANTACHIE CREEK	801611	N/A	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO HWY 371						
MARTIN CREEK	818712	N/A	Aquatic Life Support	01/08/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH BIG BROWN CREEK						
MATTUBBY CREEK	803211	MS009ME	Aquatic Life Support	12/04/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS NW OF ABERDEEN TO MWS 8035 BOUNDARY						
MATTUBBY CREEK	803511	MS009ME	Aquatic Life Support	12/04/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 8032 BOUNDARY TO MWS 8034 BOUNDARY AT CONFLUENCE WITH CEDAR CREEK						
MATTUBBY CREEK	803411	MS009ME	Aquatic Life Support	12/04/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 8035 TO MOUTH AT TOMBIGBEE RIVER						
MAYHEW CREEK	809914	N/A	Aquatic Life Support	12/01/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT COOPER CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
MCCRARY CREEK	810111	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM AL STATE LINE TO MOUTH AT LUXAPALILLA CREEK						
MCGEE CREEK	808913	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TIBBEE CREEK						
MCKINLEY CREEK	804011	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM 8039 MWS BOUNDARY TO MOUTH OF TOMBIGBEE RIVER						
MILL CREEK	802513	N/A	Aquatic Life Support	02/13/12	Attaining	2
LOCATION: FROM CONFLUENCE OF SECTION CREEK AND HARDAWAY CREEK TO MOUTH AT BULL MOUNTAIN CREEK						
MILL CREEK	811911	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT NOXUBEE RIVER						
MOORE CREEK	819611	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: AT COLUMBUS FROM HEADWATERS TO THE TOMBIGBEE RIVER						
NICHOLS CREEK	803611	N/A	Aquatic Life Support	01/08/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH TOMBIGBEE RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
NOXUBEE RIVER	811811	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS AT LAKE CHOCTAW TO 8119 MWS BOUNDARY						
OAK SLUSH CREEK	819612	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR COLUMBUS FROM HEADWATERS TO THE TENN-TOM WATERWAY						
OKEELALA CREEK	801011	801011	Aquatic Life Support	01/08/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TWENTYMILE CREEK						
OSBORNE CREEK	800912	800912	Aquatic Life Support	01/21/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TWENTYMILE CREEK						
PANTHER CREEK	802012	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT GUM CREEK						
PAWTICFAW CREEK	817411	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM 8172 MWS BOUNDARY MOUTH AT SUCARNOOCHEE RIVER						
PLUM CREEK	814411	MS042E	Aquatic Life Support	01/08/14	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR MACON FROM HEADWATERS TO MOUTH AT NOXUBEE RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
PONTA CREEK	818011	N/A	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: FROM CONFLUENCE OF BIG REED CREEK TO ALABAMA STATE LINE						
POOL C	819312	N/A	Aquatic Life Support	02/09/18	Attaining	2
LOCATION: NEAR FULTON NEAR INLET TO FULTON POOL						
POOL C	819313	N/A	Aquatic Life Support	02/09/18	Attaining	2
LOCATION: AT FULTON NEAR FULTON LOCK & DAM						
POSSUM CREEK	817911	N/A	Aquatic Life Support	11/29/17	Attaining	2
LOCATION: FROM THE DALEWOOD SHORE LAKE OUTFALL TO MOUTH AT PONTA CREEK						
PUNCHEON CREEK	801613	N/A	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT MANTACHIE CREEK						
RAY BRANCH	801912	N/A	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT GUM CREEK						
RED BUD CREEK	800312	800312	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT TENNESSEE-TOMBIGBEE WATERWAY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
ROBERTS BRANCH	805912	N/A	Aquatic Life Support	04/01/02	Not Attaining, Tmdl Completed	4A
LOCATION: AT NETTLETON FROM HEADWATERS TO CONFLUENCE WITH COWPENA CREEK						
ROCK CREEK	800211	N/A	Aquatic Life Support	12/12/17	Attaining	2
LOCATION: NEAR BELMONT FROM HEADWATERS TO THE TENN-TOM WATERWAY						
SAND CREEK	801612	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT MANTACHIE CREEK						
SAND CREEK	804811	804811	Aquatic Life Support	01/08/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT MUD CREEK						
SAND CREEK	821212	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH OLD FIELD CREEK						
SHAW CREEK	812313	812313	Aquatic Life Support	02/14/12	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT NOXUBEE RIVER						
SHOTBAG CREEK	813012	813012	Aquatic Life Support	02/14/12	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT NOXUBEE RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
SHY HAMMOCK CREEK	815711	MS045E	Aquatic Life Support	12/02/15	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR GILES FROM HEADWATERS TO PUSHACOOKA CREEK						
SMITH CREEK	802411	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: NEAR TENN. FROM HEADWATERS TO CONFLUENCE WITH JIM'S CREEK						
SOUTH BRANCH MAGOWAH CREEK	810511	N/A	Aquatic Life Support	01/08/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH NORTH BRANCH OF MAGOWAH CREEK			Secondary Contact	11/30/09	Attaining	2
SPRING CREEK	804213	804213	Aquatic Life Support	11/19/15	Not Attaining	5
LOCATION: NEAR VINTON FROM HEADWATERS TO CONFLUENCE WITH HANG KETTLE CREEK						
SPRING CREEK	809312	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR WESTPOINT FROM HEADWATERS TO TENN-TOM WATERWAY						
STANDING REED CREEK	808011	808011	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT LITTLE CANE CREEK						
STINSON CREEK	804313	MS012E	Aquatic Life Support	11/19/15	Not Attaining, Tmdl Completed	4A
LOCATION: AT COLUMBUS AIRFORCE BASE FROM HEADWATERS TO COLUMBUS LAKE						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
STRAIGHT CREEK	816912	N/A	Aquatic Life Support	02/14/12	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT SUCARNOOCHEE CREEK						
SUN CREEK	822011	N/A	Aquatic Life Support	11/30/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT NOXUBEE RIVER						
TALLABINNELA CREEK	819911	MS015TE	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH BALLS BRANCH						
TALLABINNELA CREEK	805711	MS015TE	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH BALLS BRANCH TO CONFLUENCE WITH CHIWAPA CREEK						
TOWN CREEK	804211	MS011T	Aquatic Life Support	11/29/17	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH HANG KETTLE CREEK TO MOUTH AT TENN-TOM WATERWAY						
TOWN CREEK	805111	MS013TE	Aquatic Life Support	01/08/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH TULIP CREEK TO CONFLUENCE WITH COONEWAH CREEK						
TOWN CREEK	820211	N/A	Aquatic Life Support	02/20/18	Attaining	2
LOCATION: FROM THE MWS 8201 BOUNDARY TO THE CONFLUENCE WITH SHOAL CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
TOWN CREEK	808912	N/A	Aquatic Life Support	01/08/14	Not Attaining	5
LOCATION: TOWN CREEK NEAR WEST POINT FROM HEADWATERS TO MOUTH AT TIBBEE CREEK						
TOWN CREEK	804111	N/A	Aquatic Life Support	04/01/05	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH FULLER CREEK						
TRIM CANE CREEK	808811	MS023E	Aquatic Life Support	12/08/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 8086 BOUNDARY TO CONFLUENCE WITH LINE CREEK						
TRIM CANE CREEK	808411	MS023E	Aquatic Life Support	12/08/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 8086						
TRIM CANE CREEK	808611	MS023E	Aquatic Life Support	12/08/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 8084 TO MWS BOUNDARY 8088 AT CONFLUENCE WITH DOUBLE CABIN CREEK						
TUBBALUBBA CREEK	805812	805812	Aquatic Life Support	12/07/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT TALLIBINNELA CREEK						
TULIP CREEK	804912	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TOWN CREEK						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
TWENTYMILE CREEK	801211	MS003TE2E	Aquatic Life Support	12/09/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM 8011 MWS BOUNDARY TO MOUTH AT TOMBIGBEE RIVER						
TWENTYMILE CREEK	801111	MS003TE2E	Aquatic Life Support	01/08/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM 8009 MWS BOUNDARY TO 8012 MWS BOUNDARY						
TWENTYMILE CREEK	800911	MS003T2E	Aquatic Life Support	12/09/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS 8011 BOUNDARY						
UNNAMED TRIBUTARY TO CATALPA CREEK	809012	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR STEPHENS FROM HEADWATERS TO MOUTH AT CATALPA CREEK						
UNNAMED TRIBUTARY TO GILMER CREEK	810412	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR ARTESIA FROM HEADWATERS TO MOUTH AT GILMER CREEK						
WAHALAK CREEK	815011	N/A	Aquatic Life Support	12/29/09	Attaining	2
LOCATION: FROM 8149 MWS BOUNDARY TO MOUTH AT NOXUBEE RIVER						
WAHALAK CREEK	814911	N/A	Aquatic Life Support	12/29/09	Attaining	2
LOCATION: FROM GOOLSBY CREEK TO 8150 MWS BOUNDARY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
WAHALAK CREEK	814811	N/A	Aquatic Life Support	01/06/10	Attaining	2
LOCATION: FROM HEADWATERS TO GOOLSBY CREEK						
WEAVER CREEK	802911	N/A	Aquatic Life Support	03/19/14	Attaining	2
LOCATION: NEAR BECKER FROM HEADWATERS TO MOUTH AT TENN TOM WATERWAY						
WESSON BRANCH	800612	N/A	Aquatic Life Support	01/08/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT LITTLE BROWN CREEK						
WET WATER CREEK	813812	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: NEAR BROOKSVILLE FROM HEADWATERS TO NOXUBEE RIVER						
WOLF CREEK	818811	818811	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TWENTYMILE CREEK						
WOLF CREEK	803412	803412	Aquatic Life Support	02/13/12	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT MATTUBBY CREEK						
WOODRUFF CREEK	808212	N/A	Aquatic Life Support	11/29/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT UNDERWOOD CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

TOMBIGBEE RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
WOODWARD CREEK	815411	MS043E	Aquatic Life Support	11/19/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM 8153 MWS BOUNDARY TO AL STATE LINE						
YAZOO CREEK	817112	N/A	Aquatic Life Support	11/19/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT PAWTICFAW CREEK						
YELLOW CREEK	813211	N/A	Aquatic Life Support	11/30/17	Not Attaining	5
LOCATION: NEAR BETHEDEN FROM HEADWATERS TO THE NOXUBEE RIVER						
YONABA CREEK	804511	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM CONFLUENCE OF BRIDGE CREEK TO CONFLUENCE OF TOWN CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
ABIACA CREEK	919811	N/A	Aquatic Life Support	12/30/09	Attaining	2
LOCATION: FROM 9197 MWS BOUNDARY TO CONFLUENCE WITH COILA CREEK						
ABIACA CREEK	919711	N/A	Aquatic Life Support	01/06/14	Attaining	2
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 9198						
ABIACA CREEK	920011	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM CONFLUENCE OF COILA CREEK TO MWS BOUNDARY 9411						
ABIACA CREEK	941111	N/A	Aquatic Life Support	02/21/12	Attaining	2
LOCATION: FROM MWS 9200 BOUNDARY TO MOUTH AT MATHEWS BRAKE						
ARKABUTLA CREEK	912211	MS316E	Aquatic Life Support	12/11/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 9121 TO MWS BOUNDARY 9123						
ARKABUTLA CREEK	912311	N/A	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 9121 TO MWS 9124 BOUNDARY						
ARKABUTLA CREEK	912111	MS316E	Aquatic Life Support	12/07/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 9122						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
ARKABUTLA LAKE	911512	N/A	Aquatic Life Support	03/28/14	Attaining	2
LOCATION: IN DESOTO COUNTY						
ARKABUTLA LAKE	911111	N/A	Aquatic Life Support	03/28/14	Attaining	2
LOCATION: DESOTO COUNTY						
ARKABUTLA LAKE	911412	N/A	Aquatic Life Support	02/01/18	Attaining	2
LOCATION: IN DESOTO COUNTY						
ARKABUTLA LAKE	911013	N/A	Aquatic Life Support	02/01/18	Attaining	2
LOCATION: NEAR COLDWATER						
ASCALMORE CREEK	918411	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH SHOOK CREEK						
BAILEY LAKE	918812	N/A	Aquatic Life Support	02/01/18	Attaining	2
LOCATION: NEAR WINONA NEAR DAM						
BATUPAN BOGUE	917411	N/A	Aquatic Life Support	12/30/09	Attaining	2
LOCATION: FROM CONFLUENCE WITH LITTLE BOGUE TO MWS 9175 BOUNDARY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BATUPAN BOGUE	917511	N/A	Aquatic Life Support	12/30/09	Attaining	2
LOCATION: FROM MWS 9174 BOUNDARY TO CONFLUENCE WITH YALOBUSHA RIVER						
BEAR BAYOU	935511	N/A	Aquatic Life Support	03/30/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT QUIVER RIVER						
BEAR CREEK	913812	N/A	Aquatic Life Support	11/23/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TOPASHAW CREEK CANAL						
BEARTAIL CREEK	909712	909712	Aquatic Life Support	12/09/09	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH UNNAMED TRIBUTARY NEAR MWS BOUNDARY 9096 TO MOUTH AT COLDWATER RIVER						
BEAVER BAYOU	936012	N/A	Aquatic Life Support	03/10/14	Not Attaining	5
LOCATION: FROM MWS9359 BOUNDARY TO MOUTH AT MOUND BAYOU						
BEAVER BAYOU	935912	N/A	Aquatic Life Support	03/10/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MWS 9360 BOUNDARY						
BEE LAKE	941711	N/A	Aquatic Life Support	03/21/18	Attaining	2
LOCATION: IN HOLMES COUNTY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BIG BOGUE	917311	917311	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH WILKINS CREEK						
BIG SPRING CREEK	903511	N/A	Aquatic Life Support	12/12/17	Attaining	2
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 9036						
BIG SUNFLOWER RIVER	938711	N/A				
LOCATION: FROM CONFLUENCE OF PORTER BAYOU AT MWS9405 TO CONFLUENCE OF QUIVER RIVER AT MWS9404						
BIG SUNFLOWER RIVER	933113	N/A				
LOCATION: FROM MWS9318 TO HOPSON						
BIG SUNFLOWER RIVER	942611	N/A				
LOCATION: FROM CONFLUENCE OF INDIAN BAYOU TO CONFLUENCE OF DAWSON BAYOU						
BIG SUNFLOWER RIVER	938712	N/A	Aquatic Life Support	12/01/15	Attaining	2
LOCATION: FROM CONFLUENCE OF JONES BAYOU AT MWS9388 TO CONFLUENCE OF PORTER BAYOU AT MWS 9405						
BIG SUNFLOWER RIVER	942911	N/A				
LOCATION: FROM MWS 9426 TO CONFLUENCE WITH BOGUE PHALIA						
BIG SUNFLOWER RIVER	940411	N/A				
LOCATION: FROM CONFLUENCE OF QUIVER BAYOU TO CONFLUENCE OF INDIAN BAYOU						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BIG SUNFLOWER RIVER	933111	N/A	Secondary Contact	04/01/02	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HOPSON TO CONFLUENCE WITH HARRIS BAYOU AT MWS9342 BOUNDARY						
BIG SUNFLOWER RIVER	934211	N/A	Secondary Contact	04/01/02	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE OF HARRIS BAYOU TO CONFLUENCE OF BLACK BAYOU						
BIG SUNFLOWER RIVER`	931811	N/A				
LOCATION: FROM HEADWATERS TO MWS9331 BOUNDARY						
BLACK BAYOU	943311	N/A				
LOCATION: FROM HENDRIX RD TO MWS9439 BOUNDARY						
BLACK BAYOU	943911	N/A				
LOCATION: FROM MWS9433 BOUNDARY TO MWS9440 BOUNDARY						
BLACK BAYOU	944011	N/A				
LOCATION: FROM MWS9439 BOUNDARY TO MOUTH AT STEELE BAYOU						
BLACK CREEK	921713	921713	Aquatic Life Support	02/21/12	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH TARREY CREEK NEAR MWS 9215 BOUNDARY TO CONFLUENCE WITH HARLAND CREEK						
BLACKWATER CREEK	904111	904111	Aquatic Life Support	11/18/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT SARDIS LAKE						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
BLISS CREEK	923411	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: NEAR REDWOOD FROM HEADWATERS TO THE YAZOO RIVER						
BOPHUMPA CREEK	921011	N/A	Aquatic Life Support	01/06/14	Attaining	2
LOCATION: FROM HEADWATERS TO MWS 9211 BOUNDARY CONFLUENCE WITH FANNEGUSHA CREEK						
BUCK CREEK	913813	N/A	Aquatic Life Support	12/01/17	Not Attaining	5
LOCATION: FRPOM HEADWATERS TO MOUTH AT TOPASHAW CREEK						
BUNTYN CREEK	933611	N/A				
LOCATION: FROM HEADWATERS TO LAKE MARTHA						
BURNEY BRANCH	907313	N/A	Aquatic Life Support	12/11/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT YOCONA RIVER						
BUTPUTTER CREEK	914511	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR GRENADA FROM HEADWATERS TO THE GRENADA LAKE FLOOD POOL						
BYNUM CREEK	907711	N/A	Aquatic Life Support	12/12/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT ENID RESERVOIR						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
CAMP CREEK	909511	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS 9094 BOUNDARY						
CANE CREEK	900311	N/A	Aquatic Life Support	12/12/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH LITTLE TALLAHATCHIE RIVER						
CANE CREEK	911112	MS306E	Aquatic Life Support	01/07/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH ARKABUTLA LAKE						
CANE CREEK	916811	916811	Aquatic Life Support	11/23/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT YALOBUSHA RIVER			Secondary Contact	11/23/09	Not Attaining, Tmdl Completed	4A
CASSIDY BAYOU	931913	N/A				
LOCATION: FROM THE HEADWATERS TO MWS9326 BOUNDARY						
CASSIDY BAYOU	932613	N/A				
LOCATION: FROM MWS9319 BOUNDARY TO CONFLUENCE OF BIG CREEK AT MWS9332 BOUNDARY						
CASSIDY BAYOU	933212	N/A				
LOCATION: FROM CONFLUENCE OF MELANCHOLY BAYOU TO MWS9341 BOUNDARY						
CASSIDY BAYOU	933213	N/A				
LOCATION: FROM THE CONFLUENCE OF BIG CREEK TO THE CONFLUENCE OF MELANCHOLY BAYOU						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
CHERRY CREEK	901212	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT LAPPATUBBY CREEK						
CHEWALLA LAKE	903211	N/A	Aquatic Life Support	03/28/14	Attaining	2
LOCATION: IN MARSHALL COUNTY						
CLARK CREEK	914513	MS331CE	Aquatic Life Support	12/07/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT GRENADA LAKE						
CLEAR CREEK	904611	N/A	Aquatic Life Support	12/11/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE OF HUDSON CREEK						
COILA CREEK	919911	N/A	Aquatic Life Support	01/15/10	Attaining	2
LOCATION: AT SEVEN PINES FROM LAKE DAM SOUTHEAST TO GRAVEL HILL TO MWS BOUNDARY 9200						
COILA CREEK	920012	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM MWS BOUNDARY 9199 TO MOUTH AT ABIACA CREEK						
COLDWATER CREEK	909111	N/A	Aquatic Life Support	01/15/10	Attaining	2
LOCATION: FROM MWS BOUNDARY 9090 TO MWS BOUNDARY 9092						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
COLDWATER RIVER	908911	N/A	Aquatic Life Support	02/21/12	Attaining	2
LOCATION: FROM 9088 MWS BOUNDARY TO 9090 MWS BOUNDARY						
COLDWATER RIVER	931114	N/A				
LOCATION: FROM CONFLUENCE OF ARKABUTLA CREEK TO THE QUITMAN COUNTY LINE						
COLDWATER RIVER	908811	N/A	Aquatic Life Support	04/01/02	Attaining	2
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 9089						
COLDWATER RIVER	930211	N/A				
LOCATION: FROM 9116 MWS BOUNDARY TO CONFLUENCE WITH ARKABUTLA CREEK						
COLDWATER RIVER	909011	N/A	Aquatic Life Support	01/15/10	Attaining	2
LOCATION: FROM MWS BOUNDARY 9089 TO MWS BOUNDARY 9091						
COLDWATER RIVER	931112	N/A				
LOCATION: FROM CONFLUENCE OF POMPEY DITCH TO CONFLUENCE OF UNNAMED TRIBUTARY AT MARKS POTW						
COLDWATER RIVER	931111	N/A				
LOCATION: FROM UNNAMED TRIBUTARY AT MARKS POTW TO MOUTH AT OLD LITTLE TALLAHATCHIE RIVER						
COURTNEY CREEK	907312	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT YOCONA RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
COWPEN CREEK	914512	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT GRENADA LAKE FLOOD POOL						
COWPEN CREEK	915312	915312	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT SKUNA RIVER						
CUFFAWA CREEK	909912	N/A	Aquatic Life Support	01/15/10	Attaining	2
LOCATION: FROM 9100 MWS BOUNDARY TO CONFLUENCE WITH PIGEON ROOST CREEK						
CUFFAWA CREEK	910011	N/A	Aquatic Life Support	01/07/14	Attaining	2
LOCATION: FROM HEADWATERS TO 9099 MWS BOUNDARY						
CYPRESS CREEK	902111	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: NEAR ETTA FROM MWS BOUNDARY 9020 TO MWS BOUNDARY 9019						
CYPRESS CREEK	916214	MS337E	Aquatic Life Support	01/06/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH TURKEY CREEK						
DEER CREEK	939911	N/A				
LOCATION: FROM THE MWS9394 BOUNDARY TO THE CONFLUENCE OF EAST BRANCH DEER CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
DEER CREEK	939912	N/A	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM ARCOLA TO PERCY						
DEER CREEK	939411	N/A				
LOCATION: FROM BOLIVAR LAKE TO MWS9399 BOUNDARY AT CONFLUENCE OF WILLIAMS BAYOU						
DESOTO LAKE	990311	N/A	Aquatic Life Support	03/28/14	Attaining	2
LOCATION: DESOTO LAKE IN COAHOMA COUNTY						
DUMP LAKE	923011	N/A	Aquatic Life Support	02/01/18	Attaining	2
LOCATION: NEAR SATARTIA OFF DUMP LAKE ROAD NEAR BOAT RAMP						
DUNCANS CREEK	901511	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 9104 MWS BOUNDARY TO CONFLUENCE WITH SENATOBIA CANAL						
EAGLE LAKE	948812	N/A	Aquatic Life Support	02/02/18	Not Attaining	5
LOCATION: AT EAGLE LAKE BEND NNW OF PUBLIC BOAT RAMP						
ENID LAKE	907513	MS288ELM	Aquatic Life Support	03/28/14	Attaining	2
LOCATION: LAKE FROM HEADWATERS TO MWS BOUNDARY 9076			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
ENID LAKE  LOCATION: LAKE FROM MWS BOUNDARY 9078 TO DAM	907911	MS288ELM	Aquatic Life Support	02/01/18	Attaining	2
			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A
ENID LAKE  LOCATION: LAKE FROM MWS BOUNDARY TO MWS BOUNDARY 9076	907811	MS288ELM	Aquatic Life Support	03/28/14	Attaining	2
			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A
ENID LAKE  LOCATION: LAKE FROM MWS BOUNDARY 9075 TO MWS BOUNDARY 9078	907612	MS288ELM	Aquatic Life Support	02/01/18	Attaining	2
			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A
FANNEGUSHA CREEK  LOCATION: FROM HEADWATERS AT CARROLL/HOLMES COUNTY LINE TO MWS BOUNDARY 9211	920911	920911	Aquatic Life Support	12/13/17	Not Attaining	5
FANNEGUSHA CREEK  LOCATION: FROM MWS BOUNDARY 9209 TO MWS BOUNDARY 9212	921111	N/A	Aquatic Life Support	12/13/17	Attaining	2
FOURMILE BRANCH  LOCATION: FROM HEADWATERS TO MOUTH AT YELLOW LEAF CREEK	907211	907211	Aquatic Life Support	12/14/17	Not Attaining	5
GRAHAM MILL CREEK  LOCATION: FROM HEADWATERS TO MOUTH AT LEE CREEK	903812	N/A	Aquatic Life Support	11/18/15	Attaining	2

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
GREASY CREEK  LOCATION: FROM HEADWATERS TO MOUTH AT SARDIS LAKE	904511	N/A	Aquatic Life Support	12/11/17	Not Attaining	5
GRENADA LAKE  LOCATION: LAKE IN MWS BOUNDARY 9162 NEAR COFFEEVILLE	916212	MS327E	Aquatic Life Support	03/28/14	Attaining	2
			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A
GRENADA LAKE  LOCATION: LAKE IN MWS BOUNDARY 9158 NEAR COFFEEVILLE	915811	MS327E	Aquatic Life Support	02/01/18	Attaining	2
			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A
GRENADA LAKE  LOCATION: LAKE IN MWS BOUNDARY 9163 NEAR GRENADA	916312	MS327E	Aquatic Life Support	03/28/14	Attaining	2
			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A
GRENADA LAKE  LOCATION: LOWER/MID LAKE IN MWS BOUNDARY 9146 NEAR GRENADA	914611	MS327E	Aquatic Life Support	02/01/18	Attaining	2
			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A
GRENADA LAKE  LOCATION: LAKE IN MWS BOUNDARY 9147 NEAR GORE SPRINGS	914712	MS327E	Aquatic Life Support	03/28/14	Attaining	2
			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A
GRENADA LAKE  LOCATION: UPPER LAKE IN MWS BOUNDARY 9145 NEAR GORE SPRINGS	914514	MS327E	Aquatic Life Support	03/28/14	Attaining	2
			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
HARD CASH LAKE	945611	N/A	Aquatic Life Support	02/01/18	Attaining	2
LOCATION: SOUTH OF BELZONI OFF HWY49W						
HICKAHALA CREEK	910511	N/A	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 9104 TO MOUTH AT SENATOBIA CANAL						
HOKE CREEK	904512	MS260HE	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT SARDIS LAKE						
HORSE PEN CREEK	914312	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS 9139 BOUNDARY						
HUBBARD CREEK	933711	N/A	Aquatic Life Support	12/07/09	Not Attaining	5
LOCATION: FROM HEADWATERS TO SOUTH LAKE BAYOU						
HUDSON CREEK	904612	N/A	Aquatic Life Support	12/11/17	Not Attaining	5
LOCATION: NEAR SARDIS FROM HEADWATERS TO MOUTH AT CLEAR CREEK						
HUMPHREYS CREEK	907414	N/A	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT YOCONA RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
HURRICANE CREEK	911311	MS303M1	Aquatic Life Support	12/07/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM 11 DIGIT WATERSHED BOUNDARY 307 TO MWS BOUNDARY 9114						
HURRICANE CREEK	904211	N/A	Aquatic Life Support	12/11/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT SARDIS LAKE						
JAMES WOLF CREEK	910611	N/A	Aquatic Life Support	12/20/13	Not Attaining	5
LOCATION: FROM HEADWATERS TO 9105 MWS BOUNDARY AT HWY 4						
JAMES WOLF CREEK	910512	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: FROM MWS 9106 BOUNDARY AT HWY 4 TO MOUTH AT HICKAHALA CREEK						
JASPER CREEK	900511	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: NEAR NEW ALBANY FROM HEADWATERS TO MOUTH AT LITTLE TALLAHATCHIE RIVER						
JOHNSON COLES CREEK	914411	N/A	Secondary Contact	11/30/09	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT YALOBUSHA RIVER						
JOHNSON CREEK	911811	N/A	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS 9119 BOUNDARY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
JOHNSON CREEK	930112	N/A				
LOCATION: FROM MWS BOUNDARY 9018 TO MOUTH AT LAKE CORMORANT BAYOU						
LAKE BEULAH	990411	N/A	Aquatic Life Support	02/20/18	Not Attaining	5
LOCATION: OXBOW LAKE OFF THE MISSISSIPPI RIVER IN BOLIVER COUNTY						
LAKE GEORGE	947611	N/A	Aquatic Life Support	02/14/18	Attaining	2
LOCATION: LAKE GEORGE						
LAKE HENRY	938312	N/A	Aquatic Life Support	01/31/18	Not Attaining	5
LOCATION: JUST SOUTH OF BELZONI OFF HWY 49W						
LAKE LEE	990711	N/A	Aquatic Life Support	03/27/14	Attaining	2
LOCATION: OXBOW OF THE MISSISSIPPI RIVER IN WASHINGTON COUNTY						
LAKE WASHINGTON	944611	N/A	Aquatic Life Support	02/14/18	Attaining	2
LOCATION: LAKE WASHINGTON						
LAKE WASHINGTON	944211	N/A	Aquatic Life Support	02/14/18	Attaining	2
LOCATION: NEAR GLEN ALAN OF HWY 1						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LAKE WHITTINGTON	990611	N/A	Aquatic Life Support	02/14/18	Attaining	2
LOCATION: LAKE WHITTINGTON NEAR BENOIT						
LAPATUBBY CREEK	901311	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 9012 BOUNDARY TO MOUTH AT LITTLE TALLHATCHIE RIVER						
LEAD BAYOU	937011	N/A	Aquatic Life Support	03/30/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS AT ENTERGY COOLING POND TO MOUTH AT HORSESHOE BAYOU						
LEE CREEK	903811	N/A	Aquatic Life Support	12/12/17	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH GRAHAM MILL CREEK						
LITTLE BOGUE	917011	N/A	Aquatic Life Support	04/01/06	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH CAFFEE BRANCH TO CONFLUENCE WITH POWELL CREEK						
LITTLE BOGUE	916911	N/A	Aquatic Life Support	04/01/06	Not Attaining	5
LOCATION: NEAR DUCKWORTH FROM HEADWATERS TO CONFLUENCE WITH CAFFEE BRANCH						
LITTLE BOGUE	917111	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH POWELL CREEK TO CONFLUENCE WITH BATUPAN BOGUE						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LITTLE COLDWATER CREEK	909112	909112	Aquatic Life Support	01/08/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH COLDWATER RIVER						
LITTLE EAGLE LAKE	941712	N/A	Aquatic Life Support	12/02/15	Attaining	2
LOCATION: LITTLE EAGLE LAKE IN HUMPHREYS COUNTY						
LITTLE HORSE PEN CREEK	914313	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT HORSEPEN CREEK						
LITTLE SPRING CREEK	903711	N/A	Aquatic Life Support	11/30/17	Attaining	2
LOCATION: FROM OUTLET OF SPRING LAKE (WALL DOXEY ST. PK.) TO MOUTH AT LITTLE TALLAHATCHIE RIVER						
LITTLE SUNFLOWER RIVER	932712	N/A	Secondary Contact	04/01/02	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH SANDY BRANCH TO THE MWS9318 BOUNDARY						
LITTLE SUNFLOWER RIVER	931812	N/A	Secondary Contact	04/01/02	Not Attaining, Tmdl Completed	4A
LOCATION: FROM THE MWS9327 BOUNDARY TO THE MOUTH AT BIG SUNFLOWER RIVER						
LITTLE TALLAHATCHIE RIVER	900211	MS221E	Aquatic Life Support	12/09/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE OF HALL BRANCH TO CONFLUENCE OF CANE CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LITTLE TALLAHATCHIE RIVER	900111	N/A	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: FROM HEADWATERS TO 9002 MWS						
LITTLE TALLAHATCHIE RIVER	900412	MS221E	Aquatic Life Support	12/01/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE OF CANE CREEK TO THE CONFLUENCE OF KING CREEK						
LITTLE TALLAHATCHIE RIVER	901711	N/A	Aquatic Life Support	02/02/18	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH MUD CREEK TO MWS BOUNDARY 9019			Secondary Contact	11/24/09	Attaining	2
LITTLE TALLAHATCHIE RIVER	904711	N/A	Primary Contact (Recr)	12/11/17	Attaining	2
LOCATION: FROM SARDIS LOWER LAKE OUTFALL TO MWS BOUNDARY 9048						
LITTLE TALLAHATCHIE RIVER	904811	N/A	Primary Contact (Recr)	12/03/09	Attaining	2
LOCATION: FROM MWS 9047 BOUNDARY TO MWS 9050 BOUNDARY						
LITTLE TALLAHATCHIE RIVER	901911	N/A	Aquatic Life Support	01/22/16	Not Attaining	5
LOCATION: FROM MWS BOUNDARY 9017 TO CONFLUENCE WITH FICE CREEK						
LITTLE TOPASHAW CREEK	913712	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: NEAR WOODLAND FROM HEADWATERS TO TOPASAW CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LOCKES CREEK	901811	N/A	Aquatic Life Support	11/23/15	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT LITTLE TALLAHATCHIE RIVER						
LONG CREEK	908511	N/A	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH GOODWIN CREEK						
LONG LAKE	935711	N/A	Aquatic Life Support	12/02/15	Attaining	2
LOCATION: NEAR LOMBARDY AT SOUTH END OF LAKE						
LOWER CASSIDY BAYOU	934911	N/A	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS9341 BOUNDARY NEAR VANCE TO MOUTH AT TALLAHATCHIE RIVER						
LOWER CASSIDY BAYOU	934112	N/A	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS9332 BOUNDARY TO MWS9349 BOUNDARY NEAR VANCE						
LOWER LAKE	904712	N/A	Aquatic Life Support	02/02/18	Attaining	2
LOCATION: NEAR SARDIS ABOVE WEIR						
LUCKNUCK CREEK	915111	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 9152						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
LYON CREEK	901111	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: NEAR PONTOTOC FROM HEADWATERS TO CONFLUENCE WITH LAPPATUBBY CREEK						
MADLOCK BRANCH	902514	N/A	Aquatic Life Support	02/07/18	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT NORTH TIPPAH CREEK						
MERIDIAN CREEK	913312	913312	Aquatic Life Support	01/07/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT YALOBUSHA RIVER						
MILL CREEK	902211	N/A	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO SARDIS LAKE FLOOD POOL						
MOON LAKE	931711	N/A	Aquatic Life Support	03/21/18	Attaining	2
LOCATION: MOON LAKE IN COHOMA COUNTY						
MOORE BAYOU	931912	N/A	Aquatic Life Support	04/01/08	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT CASSIDY BAYOU						
MORRIS CREEK	907314	N/A	Aquatic Life Support	11/29/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT YOCONA RIVER						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
MOSSY LAKE	942211	N/A	Aquatic Life Support	02/02/18	Attaining	2
LOCATION: NEAR SWIFTOWN						
MOUND BAYOU	942512	N/A	Secondary Contact	12/03/09	Attaining	2
LOCATION: FROM CONFLUENCE OF SHORT BAYOU TO MOUTH AT DAWSON BAYOU						
MUSSACUNNA CREEK	911511	MS306M	Aquatic Life Support	11/23/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HERNANDO SOUTH POTW TO MOUTH AT ARKABUTLA LAKE						
NORTH FORK TILLATOBA CREEK	906611	N/A	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT TILLATOBA CREEK						
NORTH TIPPAAH CREEK	902515	N/A	Aquatic Life Support	02/07/18	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE OF MADLOCK CREEK						
NORTH TIPPAAH CREEK	902512	902512	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM CONFLUENCE OF MEDLOCK BRANCH TO MOUTH AT TIPPAAH RIVER						
OAK CHEWALLA CREEK	903911	N/A	Aquatic Life Support	12/29/09	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT LITTLE TALLAHATCHIE RIVER						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
OAKLIMETER CREEK	903111	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO CONFLUENCE OF TIPPAAH RIVER						
OKACHICKIMA CREEK	916211	N/A	Aquatic Life Support	12/12/17	Not Attaining	5
LOCATION: NEAR HARDY FROM HEADWATERS TO MOUTH AT TURKEY CREEK						
OKANNATIE CREEK	900911	900911	Aquatic Life Support	01/08/14	Not Attaining	5
LOCATION: FROM CONFLUENCE OF POPLAR SPRINGS CREEK TO MWS 9010 BOUNDARY						
OLD LITTLE TALLAHATCHIE RIVER	932411	N/A	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM STATE HWY 6 NEAR BATESVILLE TO THE SOUTH PANOLA COUNTY LINE						
PECAN BAYOU	938511	N/A	Aquatic Life Support	03/07/14	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT QUIVER RIVER						
PERRY CREEK	922912	922912	Aquatic Life Support	11/23/15	Not Attaining	5
LOCATION: NEAR OIL CITY FROM HEADWATERS TO MOUTH AT O'NEAL CREEK						
PINEY CREEK	922311	MS366E	Secondary Contact	11/23/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS 9224 BOUNDARY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
PINEY CREEK	922411	MS366E	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM 9223 MWS TO CONFLUENCE WITH YAZOO RIVER						
POMPEY DITCH	931113	N/A				
LOCATION: FROM TUNICA COUNTY LINE TO MOUTH AT COLDWATER RIVER NEAR DARLING						
PUSKUS CREEK	902112	N/A	Aquatic Life Support	12/11/17	Attaining	2
LOCATION: FROM HEADWATERS TO PUSKUS LAKE						
RED BANKS CREEK	910212	N/A	Aquatic Life Support	12/12/17	Not Attaining	5
LOCATION: FROM MWS 9101 BOUNDARY TO MOUTH AT PIGEON ROOST CREEK						
RIVERDALE CREEK	916511	MS341E	Aquatic Life Support	02/12/18	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT YALOBUSHA RIVER						
ROCK CREEK	911612	N/A	Aquatic Life Support	12/13/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT COLDWATER RIVER						
ROEBUCK LAKE	938212	N/A	Aquatic Life Support	03/21/18	Attaining	2
LOCATION: NEAR ITTA BENA			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
SAND CREEK	900913	N/A	Aquatic Life Support	11/18/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT OKANNATIE CREEK						
SARDIS LAKE	904613	N/A	Aquatic Life Support	02/02/18	Attaining	2
LOCATION: SARDIS LAKE, CLEAR CREEK EMBAYMENT NEAR OXFORD						
SARDIS LAKE	904412	N/A	Aquatic Life Support	02/02/18	Attaining	2
LOCATION: SARDIS LAKE, NEAR OXFORD						
SAVANNAH CREEK	915214	N/A	Aquatic Life Support	12/02/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT LUCKNUCK CREEK						
SENATOBIA CREEK	910911	MS304M2	Aquatic Life Support	12/11/09	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH MATTIC CREEK TO MOUTH AT HICKAHALA CREEK						
SENATOBIA CREEK	910711	MS304M1	Aquatic Life Support	12/01/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO THE CONFLUENCE WITH MATTIC CREEK						
SHELBY CREEK	902711	N/A	Aquatic Life Support	12/29/09	Attaining	2
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 9026						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
SHELTON CREEK	908411	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: NEAR CROWDER FROM HEADWATERS TO THE YOCONA RIVER						
SHORT CREEK	922711	MS368E	Aquatic Life Support	12/14/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT YAZOO RIVER						
SHORT FORK CREEK	909413	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT COLDWATER RIVER						
SHUTISPEAR CREEK	914011	N/A	Aquatic Life Support	12/13/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MWS 9139 BOUNDARY AT THE YALOBUSHA RIVER FLOOD PLAIN						
SIXMILE LAKE	937711	N/A	Aquatic Life Support	02/02/18	Not Attaining, Tmdl Completed	4A
LOCATION: NEAR MONEY AT CR 541 BRIDGE			Fish Consumption	02/02/18	Not Attaining, Tmdl Completed	4A
SKUNA RIVER	915413	MS333LSE	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: AT BRUCE FROM PERSIMMON CREEK TO MWS BOUNDARY 9156			Secondary Contact	12/18/17	Not Attaining	5
SKUNA RIVER	915611	MS333LSE	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 9154 TO GRENADA LAKE FLOOD POOL						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
SKUNA RIVER CANAL	915311	N/A	Aquatic Life Support	12/12/17	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH OLD RIVER RUN TO CONFLUENCE WITH THOMPSONS CREEK						
SKUNA RIVER CANAL	914911	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: FROM CONFLUENCE WITH BRUSH CREEK TO MWS 9150 BOUNDARY						
SKUNA RIVER CANAL	915212	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: FROM MWS 9150 BOUNDARY TO CONFLUENCE WITH KITTYHUTTA CREEK						
SKUNA RIVER CANAL	915011	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: FROM BOUNDARY OF MWS 9149 TO MWS 9152 BOUNDARY						
SKUNA RIVER CANAL	914811	N/A	Aquatic Life Support	04/01/02	Not Attaining	5
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH BRUSH CREEK						
SNOW LAKE	903011	N/A	Aquatic Life Support	02/02/18	Attaining	2
LOCATION: NEAR ASHLAND OFF HWY 4						
SOUTH FORK TILLATOBA CREEK	906311	N/A	Aquatic Life Support	01/08/14	Attaining	2
LOCATION: FROM 9064 MWS BOUNDARY TO CONFLUENCE WITH TILLATOBA CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
SOUTH TIPPAH CREEK	902513	N/A	Aquatic Life Support	12/14/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT TIPPAH RIVER						
SPLINTER CREEK	907412	N/A	Aquatic Life Support	12/13/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT YOCONA RIVER						
SPRING BRANCH	941411	N/A	Aquatic Life Support	02/13/18	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT MILLSTONE BAYOU						
STEELE BAYOU	923412	MS407S	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 9533 TO MOUTH AT YAZOO RIVER						
STEELE BAYOU	948311	N/A	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS9482 BOUNDARY TO MWS9487 BOUNDARY						
STEELE BAYOU	948711	N/A	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS9483 BOUNDARY TO MWS 9234 BOUNDARY						
SWIFTWATER BAYOU	943411	N/A	Aquatic Life Support	03/10/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE OF WIDOW BAYOU TO MOUTH AT BLACK BAYOU						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
TALLAHATCHIE RIVER	933811	N/A				
LOCATION: FROM THE CONFLUENCE OF TILLATOBA CREEK TO THE MWS9354 BOUNDARY JUST UPSTREAM OF CASSIDY BAYOU CONFLUENCE						
TALLAHATCHIE RIVER	935311	N/A				
LOCATION: FROM THE MWS9354 BOUNDARY NEAR SHEGOGUE LAKE TO THE CONFLUENCE OF OLD CHANNEL AND PHILIPP CUTOFF AT MWS9376 BOUNDARY						
TALLAHATCHIE RIVER	935411	N/A				
LOCATION: FROM THE MWS9338 BOUNDARY JUST UPSTREAM OF CASSIDY BAYOU CONFLUENCE TO THE MWS9353 BOUNDARY NEAR SHEGOGUE LAKE						
TALLAHATCHIE RIVER	937611	N/A				
LOCATION: FROM THE CONFLUENCE OF OLD CHANNEL AND PHILIPP CUTOFF AT MWS9353 BOUNDARY TO THE MWS9382 BOUNDARY AT FORT PEMBERTON LANDING						
TAYLOR CREEK	907415	N/A	Aquatic Life Support	11/29/17	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT YOCONA RIVER						
TCHULA LAKE	941811	N/A	Aquatic Life Support	03/21/18	Attaining	2
LOCATION: TCHULA LAKE						
TCHULA LAKE	941511	N/A	Aquatic Life Support	03/21/18	Attaining	2
LOCATION: TCHULA LAKE						



Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
THOMPSON CREEK	922811	N/A	Aquatic Life Support	11/23/15	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT PERRY CREEK						
TILLATOBA CREEK	906211	N/A	Aquatic Life Support	01/08/14	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE OF SOUTH FORK TILLATOBA CREEK AT MWS9065 BOUNDARY						
TILLATOBA CREEK	906511	N/A	Aquatic Life Support	11/19/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 9062 TO CONFLUENCE OF NORTH FORK TILLATOBA CREEK						
TIPPAH RIVER	902511	MS246E	Aquatic Life Support	01/08/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE OF NORTH TIPPAH CREEK AND SOUTH TIPPAH CREEK TO CONFLUENCE WITH GRAY CREEK						
TOPASHAW CREEK	913811	N/A	Aquatic Life Support	11/23/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 9137 TO MWS BOUNDARY 9136						
TOPASHAW CREEK	913711	N/A	Aquatic Life Support	12/14/17	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MWS BOUNDARY 9138						
TUNICA CUTOFF	990211	N/A	Aquatic Life Support	02/20/18	Not Attaining, Tmdl Completed	4A
LOCATION: OXBOW LAKE OF THE MISSISSIPPI RIVER IN TUNICA COUNTY						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
TURKEY BAYOU	938311	N/A	Aquatic Life Support	03/10/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HENRY LAKE TO MOUTH AT QUIVER RIVER						
TURKEY CREEK	915911	N/A	Aquatic Life Support	12/01/17	Attaining	2
LOCATION: FROM HEADWATERS TO MWS 9160 BOUNDARY						
UNNAMED TRIBUTARY TO LITTLE TALLAHATCHIE RIVER	901713	N/A	Aquatic Life Support	12/12/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO MOUTH AT LITTLE TALLAHATCHIE RIVER						
UNNAMED TRIBUTARY TO SPRING BRANCH	941412	N/A				
LOCATION: FROM HEADWATERS TO MOUTH AT SPRING BRANCH						
UNT TO OKANNATIE CREEK	900912	N/A	Aquatic Life Support	01/08/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT OKANNATIE CREEK						
WASP LAKE	942313	N/A	Aquatic Life Support	02/14/18	Attaining	2
LOCATION: WASP LAKE						
WHITES CREEK	930111	N/A	Aquatic Life Support	12/12/17	Not Attaining	5
LOCATION: FROM HEADWATERS TO THE LAKE CORMORANT BAYOU						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
WILD BILL BAYOU	935611	N/A	Aquatic Life Support	03/30/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO MOUTH AT QUIVER RIVER						
WOLF/BROAD LAKE	947411	MS363WLM	Aquatic Life Support	02/14/18	Attaining	2
LOCATION: WOLF LAKE OXBOW LAKE NEAR LAKE CITY			Fish Consumption	01/26/10	Not Attaining, Tmdl Completed	4A
YALOBUSHA RIVER	913911	N/A	Secondary Contact	11/24/09	Attaining	2
LOCATION: FROM CONFLUENCE WITH TOPASHAW CREEK CANA TO CONFLUENCE WITH COLES CREEK						
YALOBUSHA RIVER	913311	N/A	Aquatic Life Support	11/23/15	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE WITH NARON CREEK TO CONFLUENCE WITH MILES CREEK						
YALOBUSHA RIVER	916411	MSYLBUSHE	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM RACEWAY BELOW GRENADA LAKE TO CONFLUENCE WITH RIVERDALE CREEK						
YALOBUSHA RIVER	916412	MSYLBUSHM1	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM CONFLUENCE OF RIVERDALE CREEK AT GRENADA POTW OUTFALL TO CONFLUENCE OF PURDIE CREEK						
YALOBUSHA RIVER	913111	MS325YE	Aquatic Life Support	01/07/14	Not Attaining, Tmdl Completed	4A
LOCATION: FROM HEADWATERS TO FIRST INTERMITTENT STREAM RIGHT PAST WATERSHED BOUNDARY 9132						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
YAZOO RIVER	940911	N/A	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS 9382 BOUNDARY TO MWS 9412 BOUNDARY						
YAZOO RIVER	941211	N/A				
LOCATION: FROM CONFLUENCE OF SNAKE CREEK TO CONFLUENCE OF WILL M WHITTINGTON AUXILARY CHANNEL						
YAZOO RIVER	941212	N/A	Aquatic Life Support	02/05/18	Attaining	2
LOCATION: FROM THE MSWS9409 BOUNDARY TO THE CONFLUENCE OF SNAKE CREEK			Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
YAZOO RIVER	938211	N/A	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS9376 BOUNDARY TO MWS9409 BOUNDARY						
YOCONA RIVER	907011	N/A	Aquatic Life Support	01/15/10	Attaining	2
LOCATION: FROM MWS BOUNDARY 9069 TO MWS BOUNDARY 9071						
YOCONA RIVER	908311	MSYOCRM	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM ENID DAM TO MWS BOUNDARY 9084						
YOCONA RIVER	906811	N/A	Aquatic Life Support	12/14/09	Attaining	2
LOCATION: FROM CONFLUENCE WITH COON CREEK TO CONFLUENCE WITH MCGLAWIN CREEK						

Mississippi 2018 §305(b) Water Quality Assessment Report  
Appendix A

YAZOO RIVER						
WATERSHED NAME	ASSESSMENT UNIT	§ 303(d) ID	USE	ASSESSMENT DATE	ASSESSMENT STATUS	CATEGORY
YOCONA RIVER	906711	N/A	Aquatic Life Support	12/14/09	Attaining	2
LOCATION: FROM HEADWATERS TO CONFLUENCE WITH COON CREEK						
YOCONA RIVER	906911	N/A	Aquatic Life Support	12/11/09	Attaining	2
LOCATION: FROM MWS BOUNDARY 9068 TO MWS BOUNDARY 9070						
YOCONA RIVER	907111	N/A	Aquatic Life Support	01/15/10	Attaining	2
LOCATION: FROM MWS BOUNDARY 9070 TO 11 DIGIT WATERSHED BOUNDARY 280						
YOCONA RIVER	908413	MSYOCRM	Fish Consumption	01/25/10	Not Attaining, Tmdl Completed	4A
LOCATION: FROM MWS BOUNDARY 9083 TO CONFLUENCE WITH LONG CREEK						
YODA CREEK	915414	N/A	Aquatic Life Support	12/01/17	Not Attaining	5
LOCATION: FROM HEADWATERS TOM MOUTH AT SKUNA RIVER						
YORK CREEK	915711	N/A	Aquatic Life Support	01/07/14	Attaining	2
LOCATION: FROM HEADWATERS TO MOUTH AT SKUNA RIVER						