



**Title 11: Mississippi Department of Environmental Quality
Part 6: Wastewater Pollution Control Regulations
Part 6, Chapter 9: Mississippi Commission on Environmental Quality,
Mississippi 2022 Section 303(d) List of Impaired Water Bodies**

Prepared by
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Title 11: Mississippi Department of Environmental Quality

Part 6: Wastewater Pollution Control Regulations

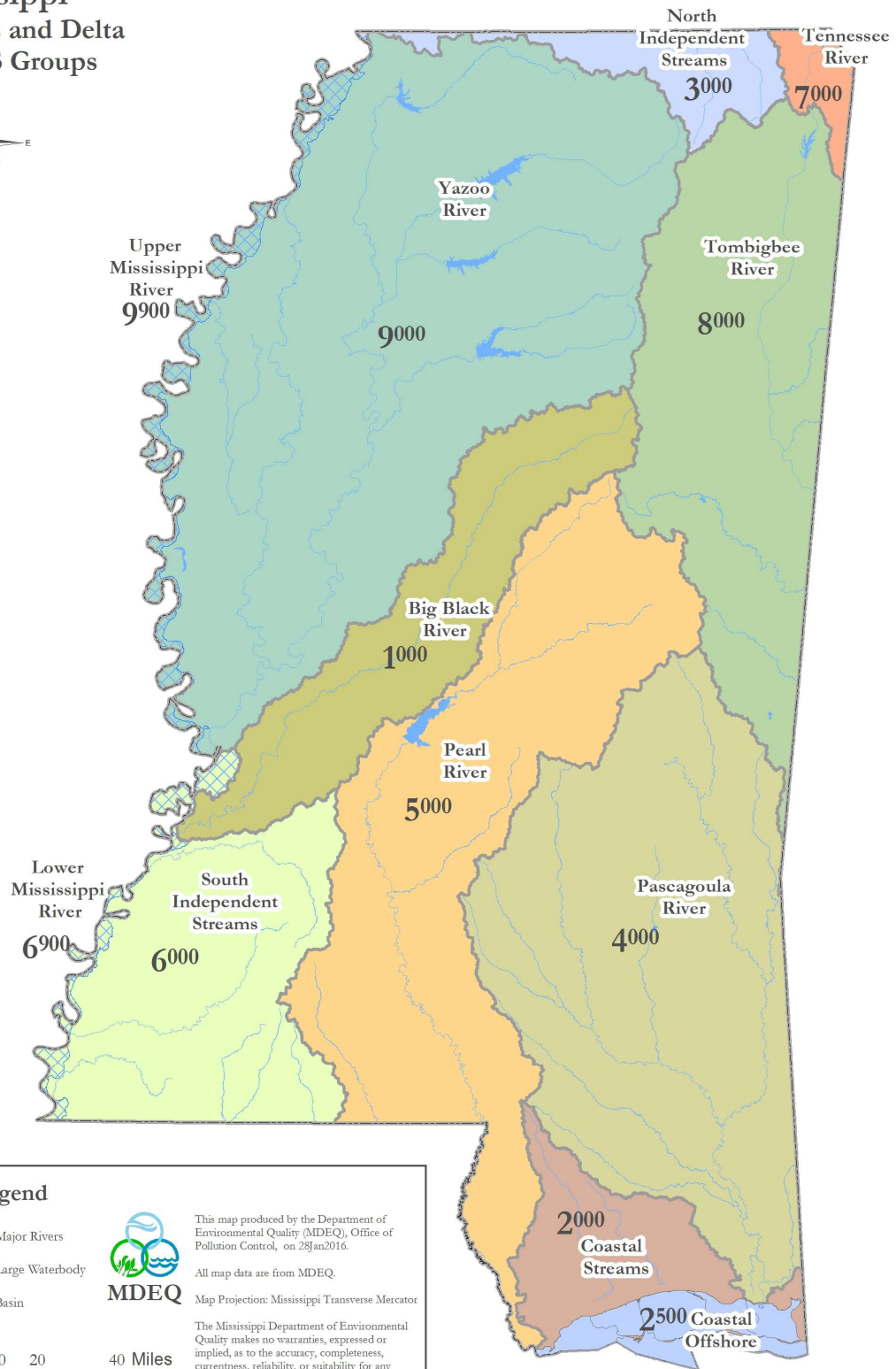
Part 6, Chapter 9: Mississippi Commission on Environmental Quality Mississippi 2022 Section 303(d) List of Impaired Water Bodies

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Mississippi River Basins and Delta with MWS Groups



Legend

Major Rivers

Large Waterbody

Basin



This map produced by the Department of Environmental Quality (MDEQ), Office of Pollution Control, on 28Jan2016.

All map data are from MDEQ.

Map Projection: Mississippi Transverse Mercator

The Mississippi Department of Environmental Quality makes no warranties, expressed or implied, as to the accuracy, completeness, currentness, reliability, or suitability for any particular purpose of the data contained on this map.

0 10 20 40 Miles



RULE 9.1 INTRODUCTION

Mississippi's 2022 Section 303(d) List of Impaired Water Bodies fulfills the state's obligation with respect to §303(d) of the Federal Clean Water Act to develop a listing of the state's impaired waters. MDEQ provides two reports, this §303(d) list and a §305(b) report. These are not physically integrated, but the lists are meant to have a one-to-one relationship in that all of the water body segments found in the §305(b) report listed in category 5 are also listed in this document in Table 10 below. These basins are shown on the map on page 4.

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

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

RULE 9.2 REGULATORY REQUIREMENT

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

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

RULE 9.3 ASSESSMENT METHODOLOGY

A. Consolidated Assessment Listing Methodology (CALM)

All data used to make formal assessments of the quality of the state's waters, regardless of its source, are evaluated in keeping with the requirements and guidelines in the state's *Mississippi CALM [Consolidated Assessment Listing Methodology] for 2022*, [CALM] (MDEQ, 2022). The 2022 CALM can be found online at:

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

B. Designated Uses

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

Table 1 Water Body Classification

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

C. Water Quality Standards

Most of Mississippi's waters are classified as Fish and Wildlife. For each of the water body classifications listed above, there are various water quality criteria that apply to those water body uses. These standards are used in the assessment process. A water body (part or all of a stream, river, lake, estuary or coastline) should support one or more of these uses. Mississippi's WQS specify the appropriate levels for which various water quality parameters or indicators support a water body's designated use(s). Each use assessed for a water body is determined to be either "Attaining" or "Not Attaining" in accordance with the applicable water quality standards and EPA guidelines for assessments pursuant to §305(b). For the 2022 assessments, all monitoring data were collected prior to the approval of the current Water Quality Criteria for Intrastate, Interstate, and Coastal Waters. The applicable criteria was approved in 2021. Mississippi's WQS may be found here:

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

D. Assessment Categories

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

Table 2 Assessment Categories

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

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

<https://www.mdeq.ms.gov/wp-content/uploads/TMDLs/>

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

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

E. Monitoring Data

Assessments for 2022 are based on current site-specific monitoring data believed to accurately portray existing water quality conditions. A water body is considered monitored if sufficient (in quantity, quality, and frequency) physical, chemical, biological, bacteriological, and/or fish tissue data were collected and assessed on the water body data from January 1, 2016 to December 31, 2020.

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

For 2022, MDEQ considered all known and readily available information on the quality of the state's waters in conjunction with the rotating basin approach and MDEQ's §305(b) assessment program. However, only data that allowed for the accurate interpretation of the state's water quality standards or provided compelling evidence were used for §303(d) listing decisions.

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

RULE 9.4 FISH AND SHELLFISH CONSUMPTION ADVISORIES AND IMPAIRED WATERS

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

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

Coastal water bodies with the Shellfish designated use that have consumption advisories are not included in the 2022 §303(d) List because these waters already have completed TMDLs for pathogens. These waters have a category 4A in the state's §305(b) report. These TMDLs are available for review on MDEQ's website.

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

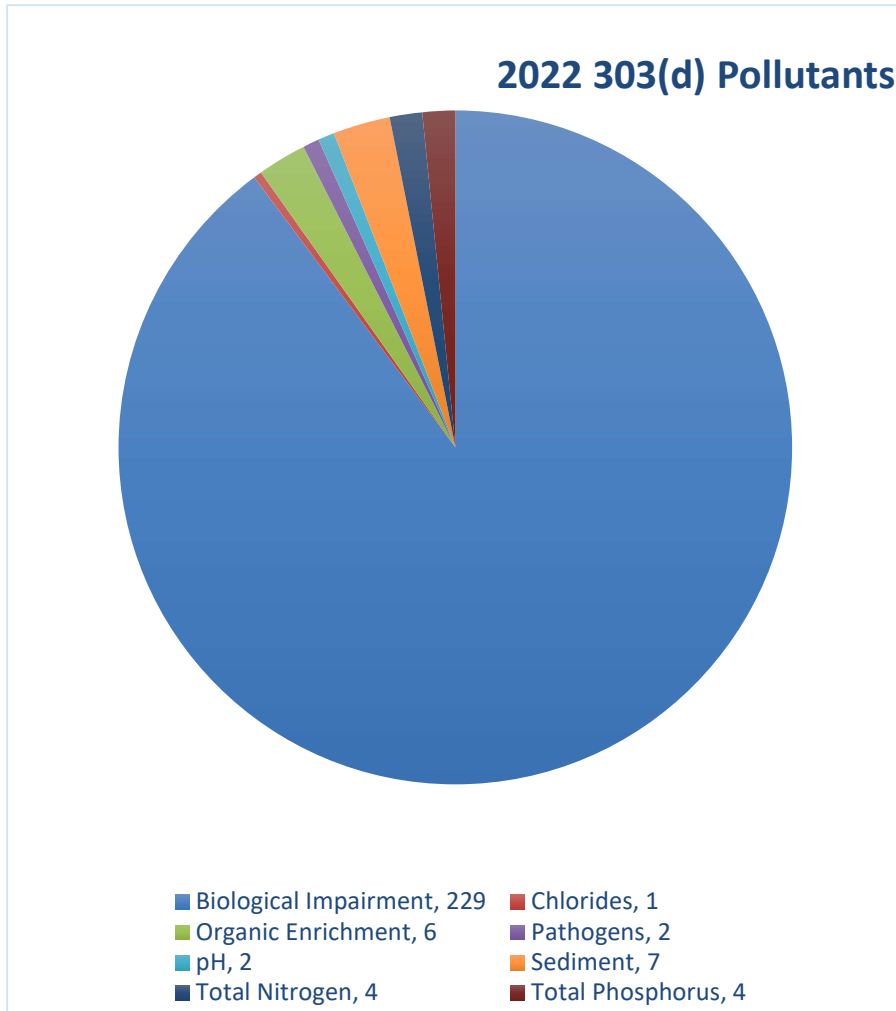
RULE 9.5 LAYOUT OF THE TABLES

A. Stream Listings

The impaired waters in Tables 3-10 below are sorted alphabetically by the river basin, then by the water body name. The extent of the segment is described beginning with the upstream boundary thence to the downstream boundary. The maps of these segments are located in Appendix A.

B. Pollutants Included

The pollutants are listed specifically for each listing. There are 255 listings for 2022. Biological Impairment is listed 229 times (90%). This listing is generated based on assessing the result of our benthic sampling program M-BISQ. When the water body is scored below the eco-regional value, it is added to the impaired waters list. A stressor identification process is then used to identify the specific pollutants causing the biological impairment. Organic Enrichment, Total Nitrogen, and Total Phosphorus listings are for excessive nutrients or organics which impact the dissolved oxygen and eutrophication in the water body. The pH listings are from water monitoring results which are outside of the water quality criteria for pH. If there are multiple pollutants and/or uses for a water body, these are shown as multiple listings for the water body.



C. Pollutant Source

Due to the nature of the monitoring and listings for 2022, the source of the impairment is generally not known. For the biological listings a stressor identification process is required to identify probable primary stressors. Once identified, these probable primary stressors are incorporated into the §303(d) List and the biological impairment listing is removed.

D. Water Body Identification Numbers

MDEQ and USGS completed work on the new 12-digit watershed-based delineation of Mississippi in 2005. MDEQ incorporated this new delineation into the identification numbering system for water body segments in the states beginning with the 2006 §305(b) report. Each listed water body segment is identified by a six-digit numeric code. The first digit identifies which basin contains

the water body. The major river basins are numbered 1 through 9 in alphabetical order (1 for the Big Black River Basin, 2 for the Coastal Streams Basin, through 9 for the Yazoo Basin.) [See map on page 4.] The next three digits in the six-digit water body identification number refer to the specific subwatershed within that basin. Each major river basin has the subwatersheds it contains numbered beginning with 1 (subwatershed 146 located in the Big Black River Basin would be numbered 1146, subwatershed 74 located in the Pascagoula River Basin would be numbered 4074.) The final two digits in the six-digit water body identification number refer to a specific stream segment within the specified subwatershed. For instance, Beaver Creek, water body ID 521413, is stream segment 13 in subwatershed 214 in the Pearl River Basin.

E. Basin Maps

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

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

RULE 9.6 CHANGES MADE FOR 2022

Tables 3 through 7 provide the changes proposed for 2022 including completed TMDLs since 2020, the monitored streams that are delisted because they are now fully supporting, and other changes made to the list. Full supporting documentation for delisting decisions is available on our website at:

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

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

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

A. Pollutant Change

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

Table 3. Pollutant Change

| Basin | Water Body Name | Water Body ID | County | Location | Pollutant(s) |
|---------------------------|---------------------------|---------------|--------------------|---|---|
| Yazoo River | Medlock Branch | 902514 | Tippah | From headwaters to mouth at North Tippah Creek | Sediment |
| Yazoo River | North Tippah Creek | 902515 | Tippah | Near Ripley from headwaters confluence with Medlock Branch | Sediment |
| Yazoo River | South Tippah Creek | 902513 | Tippah | From headwaters to mouth at Tippah River | Sediment |
| Yazoo River | Little Tallahatchie River | 901711 | Union | From confluence with Mud Creek to MWS 9019 boundary | Sediment |
| Yazoo River | Little Tallahatchie River | 901911 | Union, Lafayette | From MWS 9017 boundary to confluence with Fice Creek | Sediment |
| Yazoo River | Pecan Bayou | 938511 | Sunflower, Leflore | Near Doddsville from headwaters to mouth at Quiver River | Organic Enrichment/ Low Dissolved Oxygen |
| North Independent Streams | Owl Creek | 301412 | Tippah | From headwaters to mouth at Little Hatchie River | Sediment |
| Tombigbee River | Sand Creek | 804811 | Lee | From headwaters to mouth at Mud Creek | Sediment |
| Pascagoula River | Tallahala Creek | 413711 | Jones, Jasper | From confluence of Talahata Creek to confluence of Big Reely Creek | Sediment |
| Pascagoula River | Tallahala Creek | 413712 | Jones | From confluence with Big Reely Creek to MWS 4138 boundary | Sediment |
| Pascagoula River | Tallahala Creek | 413812 | Jones | From MWS 4137 boundary to confluence with Tallahoma Creek | Sediment |
| Pascagoula River | Tallahoma Creek | 412911 | Jones | From confluence with Horse Creek to confluence with Tallahala Creek | Sediment |
| Pascagoula River | Tallahoma Creek | 402811 | Jones | From confluence with Terrapin Creek to confluence with Horse Creek | Sediment |
| Pascagoula River | Tallahoma Creek | 412511 | Jasper | Near Laurel from confluence with Piney Branch to MWS 4127 boundary | Sediment |

| | | | | | |
|------------------|-----------------|--------|---------------|--|----------|
| Pascagoula River | Tallahoma Creek | 412711 | Jasper, Jones | From MWS 4125 boundary to confluence with Terrapin Creek | Sediment |
|------------------|-----------------|--------|---------------|--|----------|

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

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

Table 4. Delistings this Cycle

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location | Listing Change |
|-------------------|--------------------|---------------|----------------------------|--------------------------|-----------------------|--|--|
| Big Black River | Turkey Creek | 108711 | Hinds | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Fourteen Mile Creek | TMDL developed by MDEQ and approved by EPA 8/01/2002 |
| Pascagoula River | Dry Creek | 411111 | Covington | Aquatic Life Use Support | Biological Impairment | Near Terrell from headwaters to mouth at Bowie Creek | TMDL developed by MDEQ and approved by EPA 6/30/2005 |
| Pascagoula River | Okatibbee Creek | 401011 | Lauderdale | Aquatic Life Use Support | Total Nitrogen, pH | Near Savoy from confluence with Sowashee Creek to MWS 4011 boundary | Listing Error |
| Pascagoula River | Okatoma Creek | 410511 | Covington | Aquatic Life Use Support | Total Nitrogen | From confluence with Roger Creek to confluence with Big Swamp Creek | Listing Error |
| Pascagoula River | Tallahala Creek | 415511 | Jones, Forrest, Perry | Aquatic Life Use Support | pH, TN, TP | From confluence with Courtney Creek to MWS 4156 boundary near Hammock Branch | Waterbody Attaining Use |
| South Independent | Homochitto River | 607812 | Amite, Franklin, Wilkinson | Aquatic Life Use Support | pH | From MWS 6074 Boundary to the confluence with Dry Creek | Waterbody Attaining Use |
| Tennessee River | Bear Creek | 701111 | Tishomingo | Aquatic Life Use Support | pH | Near Burnstown from Unnamed Tributary north of County Road 86 to Alabama | Waterbody Attaining Use |
| Tombigbee River | Buttahatchee River | 806711 | Monroe | Aquatic Life Use Support | pH | Near Greenwood Springs from confluence with Sipsy Creek to | Waterbody Attaining Use |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location | Listing Change |
|--|-----------------------------------|---------------|---------------------|--------------------------|-----------------------|---|--|
| | | | | | | MWS 8068 boundary near confluence with Alsup Creek | |
| Tombigbee River | Chinchahom a Creek | 812811 | Oktibbeha | Aquatic Life Use Support | Sediment | From headwaters to mouth at Noxubee River | TMDL developed by MDEQ and approved by EPA 5/10/2021 |
| Tombigbee River | Goodfood Creek | 807012 | Chickasaw, Pontotoc | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Chuquatonchee Creek | TMDL developed by MDEQ and approved by EPA 1/26/2007 |
| Tombigbee River | Luxapallila Creek | 821611 | Lowndes | Aquatic Life Use Support | pH | At Steens from Alabama state line (including tributary) to confluence with Yellow Creek | Waterbody Attaining Use |
| Tombigbee River | Shaw Creek | 812313 | Oktibbeha | Aquatic Life Use Support | Sediment | From headwaters to mouth at Noxubee River | TMDL developed by MDEQ and approved by EPA 5/10/2021 |
| Tombigbee River | Spring Creek | 804213 | Monroe | Aquatic Life Use Support | Sediment | Near Vinton from headwaters to confluence with Hang Kettle Creek | TMDL developed by MDEQ and approved by EPA 5/10/2021 |
| Tombigbee River | Unnamed Tributary To Gilmer Creek | 810412 | Lowndes | Aquatic Life Use Support | Sediment | Near Artesia from headwaters to mouth at Gilmer Creek | TMDL developed by MDEQ and approved by EPA 5/10/2021 |
| Tombigbee River | Yellow Creek | 813211 | Winston, Noxubee | Aquatic Life Use Support | Biological Impairment | Near Betheden from headwaters to the Noxubee River | TMDL developed by MDEQ and approved by EPA 5/10/2021 |
| *Submitted to EPA Jan 2022* Yazoo River | Little Tallahatchie River | 901711 | Union | Aquatic Life Use Support | Biological Impairment | From confluence with Mud Creek to MWS 9019 boundary | TMDL developed by MDEQ for approval by EPA |
| *Submitted to EPA Jan 2022* Yazoo River | Little Tallahatchie River | 901911 | Union, Lafayette | Aquatic Life Use Support | Biological Impairment | From MWS 9017 boundary to confluence with Fice Creek | TMDL developed by MDEQ for approval by EPA |
| Yazoo River | Lockes Creek | 901811 | Union | Aquatic Life Use Support | Biological Impairment | Near Enterprise from headwaters to Little Tallahatchie River | TMDL developed by MDEQ and approved by EPA 4/17/2008 |
| Yazoo River | Piney Creek | 922411 | Yazoo | Aquatic Life Use Support | Biological Impairment | Near Yazoo City from MWS 9223 boundary to confluence with Yazoo River | TMDL developed by MDEQ and approved by EPA 4/17/2008 |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location | Listing Change |
|-------------|-----------------|---------------|------------------|--------------------------|-----------------------|---|--|
| Yazoo River | Red Banks Creek | 910212 | Desoto, Marshall | Aquatic Life Use Support | Biological Impairment | From MWS 9101 boundary to mouth at Pigeon Roost Creek | TMDL developed by MDEQ and approved by EPA 9/22/1999 |
| Yazoo River | Spring Branch | 941411 | Holmes | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Millstone Bayou | TMDL developed by MDEQ and approved by EPA 4/17/2008 |

C. Alternative Action Plans (Category 5 alt, Category 4B, Category 4C)

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

IRG also provides and explanation of Category 4C. A water may be placed in Category 4C if data indicate that at least one designated use is not being met, but the impairment is not caused by a pollutant, but by pollution. For example, aquatic life use is not supported due to hydrologic alteration or habitat alteration. Lynch Creek is being assigned to Category 4C due to extensive channelization that has resulted in severe hydrologic and habitat alteration. More information is available in the delisting package that can be found at the link listed above.

Table 5. Alternative Action Plans (5-Alt, 4C)

| Basin | Water Body Name | Water Body ID | County | Pollutant | Category | Location |
|-------------------|-----------------|---------------|-----------|---|----------|--|
| Coastal Streams | Bayou Cassotte | 200313 | Jackson | Organic Enrichment/Low Dissolved Oxygen | 4C | From confluence of West Prong and East Prong to turning basin |
| Pearl River | Lynch Creek | 509311 | Hinds | Biological Impairment | 4C | At Jackson from headwaters to the Pearl River |
| Pascagoula River | Red Creek | 420711 | George | pH | 4C | From MWS 4206 Boundary at confluence with Bluff Creek to MWS 4209 boundary at Red Creek Road |
| South Independent | Booths Creek | 602813 | Claiborne | Biological Impairment | 5-Alt | From headwaters to mouth at Bayou Pierre |

| | | | | | | |
|-------------------|--------------------|--------|-----------|-----------------------|-------|--|
| South Independent | Storm Creek | 602811 | Claiborne | Biological Impairment | 5-Alt | Near Carlisle from headwaters to mouth at Bayou Pierre |
| Yazoo River | Medlock Branch | 902514 | Tippah | Biological Impairment | 5-Alt | From headwaters to mouth at North Tippah Creek |
| Yazoo River | North Tippah Creek | 902515 | Tippah | Sediment | 5-Alt | Near Ripley from headwaters to confluence with Medlock Branch |
| Yazoo River | North Tippah Creek | 902512 | Tippah | Sediment | 5-Alt | Near Ripley from confluence with Medlock Branch to mouth at Tippah River |
| Yazoo River | South Tippah Creek | 902513 | Tippah | Biological Impairment | 5-Alt | From headwaters to mouth at Tippah River |

The 2008 IRG provided additional guidance on assigning waters to Category 4B. This guidance recognized that alternative pollution control measures may obviate the need for a TMDL. Specifically, segments are not required to be included on the 303(d) List if “other pollution control requirements by local, State, or Federal Authority” are stringent enough to implement applicable water quality standards. Table 6. Details the waters assigned to Category 4B for 2022.

Table 6. Alternative Action Plans (4B)

| Basin | Water Body Name | Water Body ID | County | Impaired Use | Pollutant | Location | Corrective Action |
|-----------------|------------------------------------|---------------|---------|--------------------------|-------------------------------------|---|---|
| Tombigbee River | Unnamed Tributary To Catalpa Creek | 809012 | Lowndes | Aquatic Life Use Support | Total Nitrogen and Total Phosphorus | Near Stephens from headwaters to mouth at Catalpa Creek | Facility upgrades at Artesia POTW are expected to result in attainment of Water Quality Standards |

D. New Listings (Category 5)

The waters listed in Table 7 are the new additions to the 303(d) List.

Table 7. New Additions

| Basin | Water Body Name | Water Body ID | County | Impaired Use | Pollutant | Location |
|------------------|-----------------|---------------|----------|--------------------------|---|--|
| Coastal Streams | Bernard Bayou | 202112 | Harrison | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Flat Branch |
| Coastal Streams | Tiger Creek | 200912 | Harrison | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Biloxi River |
| Pascagoula River | Long Branch | 403512 | Clarke | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Tallabogue Creek |
| Yazoo River | Walnut Lake | 931011 | Tunica | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | Entire lake |

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

The objective of any TMDL is to determine the loading capacity of the waterbody and to allocate that load among different pollutant sources so that the appropriate control actions can be taken and water quality standards achieved. The TMDL process is important for improving water quality because it serves as a link in the chain between water quality standards and implementation of control actions designed to attain those standards. The waters listed in Table 8 have been the subject of one or more TMDLs and through corrective action to reduce the pollutant load are now successfully supporting the designated use. Maps of the TMDL Successes can be found in Appendix B.

Table 8. TMDL Successes

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location | Listing Change |
|---------------------------|-----------------------|---------------|---------|--------------------------|---|--|---------------------------------------|
| Big Black River | Big Bywy Creek | 100811 | Choctaw | Aquatic Life Use Support | Total Nitrogen | Near Stewart from headwaters to mouth at McCurtain Creek | TMDL Complete 04/30/2007 |
| Big Black River | Big Bywy Creek | 100811 | Choctaw | Aquatic Life Use Support | Total Phosphorus | Near Stewart from headwaters to mouth at McCurtain Creek | TMDL Complete 04/30/2007 |
| Big Black River | Big Bywy Creek | 100811 | Choctaw | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | Near Stewart from headwaters to mouth at McCurtain Creek | TMDL Complete 04/30/2007 |
| Big Black River | Big Bywy Creek | 100811 | Choctaw | Aquatic Life Use Support | Sediment | Near Stewart from headwaters to mouth at McCurtain Creek | TMDL Complete 01/26/2007 |
| North Independent Streams | Horn Lake Creek | 304311 | De Soto | Aquatic Life Use Support | Total Nitrogen | At Hernando from headwaters to Tennessee Line | TMDL Complete 04/01/2006 |
| North Independent Streams | Horn Lake Creek | 304311 | De Soto | Aquatic Life Use Support | Total Phosphorus | At Hernando from headwaters to Tennessee Line | TMDL Complete 04/01/2006 |
| North Independent Streams | Horn Lake Creek | 303411 | De Soto | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | At Hernando from headwaters to Tennessee Line | TMDL Complete 04/01/2006 |
| North Independent Streams | Horn Lake Creek | 303411 | De Soto | Aquatic Life Use Support | Sediment | At Hernando from headwaters to Tennessee Line | TMDL Complete 11/30/2005 |
| North Independent Streams | Horn Lake Creek | 303411 | De Soto | Aquatic Life Use Support | Total Phosphorus | Near Walls from headwaters to MS/TN stateline | TMDL Complete 04/01/2006 |
| North Independent Streams | Tuscumbia River Canal | 301211 | Alcorn | Aquatic Life Use Support | pH | From confluence with Eastes Creek to confluence with Tarebreeches Crteek | *New in 2022* TMDL Complete 4/2020 |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location | Listing Change |
|---------------------------|----------------------------|---------------|---------------|--------------------------|---|---|---|
| North Independent Streams | Tuscumbia River Canal | 301211 | Alcorn | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | From confluence with Eastes Creek to confluence with Tarebreches Crteek | *New in 2022* TMDL Complete 3/25/2009 |
| North Independent Streams | Tuscumbia River Canal | 301211 | Alcorn | Aquatic Life Use Support | Nutrients | From confluence with Eastes Creek to confluence with Tarebreches Crteek | *New in 2022* TMDL Complete 3/25/2009 |
| North Independent Streams | Tuscumbia River Canal | 301211 | Alcorn | Aquatic Life Use Support | Sediment | From confluence with Eastes Creek to confluence with Tarebreches Crteek | *New in 2022* TMDL Complete 11/2005 |
| Pascagoula River | Beaver Dam Creek | 419511 | Forest, Perry | Recreation | Pathogens | From confluence with Bowens Buy Creek at MWS boundary 4194 to MWS boundary 4196 | TMDL Complete 12/15/1999 |
| Pascagoula River | Black Creek | 421511 | Stone, George | Recreation | Pathogens | From MWS boundary 4211 to MWS boundary 4216 | *New in 2022* TMDL Complete 8/29/2012 |
| Pascagoula River | Chickasaway River | 405911 | Clarke, Wayne | Recreation | Pathogens | At Shubuta from MWS boundary 4056 at County Road 275 to confluence with Eucutta Creek | TMDL Complete 12/15/1999 |
| Pascagoula River | Leaf River | 416211 | Forest | Aquatic Life Use Support | Sediment | From Priest's Creek to XXX Boundary | *New in 2022* TMDL Complete 5/18/2005 |
| Pascagoula River | Oakahay Creek | 409012 | Smith | Aquatic Life Use Support | Sediment | From confluence with Little Oakahay Creek at MWS 4089 boundary to confluence with Clear Creek | *New in 2022* TMDLs Complete 5/18/2005 |
| Pascagoula River | Oakahay Creek | 409012 | Smith | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | From confluence with Little Oakahay Creek at MWS 4089 boundary to confluence with Clear Creek | *New in 2022* TMDLs Complete 6/30/2005 |
| Pascagoula River | Oakahay Creek | 409012 | Smith | Aquatic Life Use Support | Total Nitrogen | From confluence with Little Oakahay Creek at MWS 4089 boundary to confluence with Clear Creek | *New in 2022* TMDLs Complete 6/30/2005 |
| Pascagoula River | Oakahay Creek | 409012 | Smith | Aquatic Life Use Support | Total Phosphorus | From confluence with Little Oakahay Creek at MWS 4089 boundary to confluence with Clear Creek | *New in 2022* TMDLs Complete 6/30/2005 |
| Pascagoula River | Pascagoula River | 418111 | Jackson | Aquatic Life Use Support | Pathogens | From MWS boundary 4176 to MWS boundary 4182 | TMDL Complete 12/15/1999 |
| Pascagoula River | Red Creek | 420911 | Stone, George | Recreation | Pathogens | From confluence with Flurry Mill Pond Branch to mouth at Black Creek | *New in 2022* TMDL Complete 12/15/1999 |
| Pascagoula River | West Little Thompson Creek | 415112 | Wayne | Aquatic Life Use Support | Sediment | Near Good Hope from headwaters to mouth at Thompson Creek | TMDL Complete 05/18/2005 |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location | Listing Change |
|-------------------|-----------------|---------------|-------------------|--------------------------|-----------|---|---|
| Pearl River | Bahala Creek | 513811 | Copiah | Aquatic Life Use Support | Sediment | From headwaters to confluence with Russell Creek | *New in 2022* TMDL Complete 3/25/2009 |
| Pearl River | Clabber Creek | 521412 | Pike | Aquatic Life Use Support | Sediment | Near Johnstons Station from headwaters to Bogue Chitto River | TMDL Complete 03/25/2009 |
| Pearl River | Clear Creek | 521512 | Pike | Recreation | Pathogens | From headwaters to mouth at Bogue Chitto River | TMDL Complete 05/14/2010 |
| Pearl River | Pearl River | 510711 | Simpson | Recreation | Pathogens | From MWS boundary 5106 to confluence with Weeks Mill Creek | *New in 2022* TMDL Complete 12/21/2011 |
| Pearl River | Pearl River | 502011 | Neshoba, Leake | Aquatic Life Use Support | pH | From confluence with Kentawka Canal to MWS boundary 5028 | *New in 2022* TMDL Complete 12/15/2011 |
| Pearl River | Pearl River | 518211 | Pearl River | Recreation | Pathogens | From confluence with Big Creek to MWS boundary 5184 below Highway 26 | *New in 2022* TMDL Complete 12/21/2011 |
| Pearl River | Pearl River | 509511 | Rankin | Aquatic Life Use Support | pH | From confluence with Caney Creek to confluence with Trahon Creek | *New in 2022* TMDL Complete 12/15/2011 |
| Pearl River | Strong River | 512911 | Simpson | Recreation | Pathogens | From MWS boundary 5124 to mouth at Pearl River | *New in 2022* TMDL Complete 12/21/2011 |
| Pearl River | Strong River | 511911 | Simpson | Aquatic Life Use Support | pH | Near D'Lo from MWS boundary 5115 to MWS boundary 5124 | *New in 2022* TMDL Complete 5/15/2014 |
| South Independent | Bayou Pierre | 601111 | Copiah | Recreation | Pathogens | From confluence with Brushy Creek to confluence with Turkey Creek | *New in 2022* TMDL Complete 12/15/1999 |
| South Independent | Bayou Pierre | 604111 | Claiborne | Recreation | Pathogens | From confluence with Little Bayou Pierre to confluence with Widows Creek | *New in 2022* TMDL Complete 12/23/2010 |
| South Independent | Bayou Pierre | 602711 | Claiborne, Copiah | Recreation | Pathogens | From confluence with White Oak Creek to confluence with Storm Creek | *New in 2022* TMDL Complete 12/23/2010 |
| South Independent | Bayou Pierre | 602812 | Claiborne | Aquatic Life Use Support | pH | Near Carlisle from confluence with Storm Creek to MWS boundary 6029 near confluence with Whiskey Branch | *New in 2022* TMDL Complete 12/15/1999 |
| South Independent | Buffalo River | 609511 | Wilkinson | Aquatic Life Use Support | Sediment | From headwaters to MWS boundary 609511 | *New in 2022* TMDL Complete 3/25/2009 |
| South Independent | Buffalo River | 610111 | Wilkinson | Aquatic Life Use Support | Sediment | From MWS boundary 6098 to MWS boundary 6104 | *New in 2022* TMDL Complete 3/25/2009 |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location | Listing Change |
|-------------------|-----------------------|---------------|------------------------------|--------------------------|-----------|--|--|
| South Independent | Crooked Creek | 609011 | Wilkinson | Aquatic Life Use Support | Sediment | Near Darrington from headwaters to mouth at Homochitto River | TMDL Complete 03/25/2009 |
| South Independent | East Fork Amite River | 612111 | Amite | Recreation | Pathogens | From MWS boundary 6120 to state line | <i>*New in 2022*</i> TMDL Complete 12/15/2003 |
| South Independent | James Creek | 604211 | Claiborne | Aquatic Life Use Support | Sediment | From MWS boundary 6043 to mouth at Bayou Pierre | TMDL Complete 03/25/2009 |
| South Independent | James Creek | 604311 | Claiborne | Aquatic Life Use Support | Sediment | From headwaters to MWS boundary 6042 | TMDL Complete 03/25/2009 |
| South Independent | Little Bayou Pierre | 603211 | Copiah, Jefferson, Claiborne | Aquatic Life Use Support | Sediment | From MWS boundary 6031 to confluence with Barland Creek at MWS boundary 6033 | TMDL Complete 03/25/2009 |
| South Independent | McCall Creek | 606611 | Franklin, Lincoln | Aquatic Life Use Support | Sediment | From confluence with Hurricane Creek to mouth at Homochitto River | <i>*New in 2022*</i> TMDL Complete 3/25/2009 |
| South Independent | McCall Creek | 606411 | Franklin, Lincoln | Aquatic Life Use Support | Sediment | From confluence with Blue Creek to confluence with Hurricane Creek | <i>*New in 2022*</i> TMDL Complete 3/25/2009 |
| South Independent | Pretty Creek | 608311 | Adams | Aquatic Life Use Support | Sediment | Near Ireland from headwaters to mouth at Homochitto River | TMDL Complete 03/25/2009 |
| South Independent | Richardson Creek | 607911 | Franklin | Aquatic Life Use Support | Sediment | Near Bunkley from headwaters to mouth at Homochitto River | TMDL Complete 03/25/2009 |
| South Independent | Second Creek | 609111 | Adams | Aquatic Life Use Support | Sediment | From headwaters to MWS boundary 6092 | TMDL Complete 03/25/2009 |
| South Independent | Second Creek | 609211 | Adams | Aquatic Life Use Support | Sediment | From MWS boundary 6091 to mouth at Homochitto River | TMDL Complete 03/25/2009 |
| South Independent | Shaw/ McCall Creek | 606311 | Lincoln | Aquatic Life Use Support | Sediment | From headwaters to MWS boundary 6064 | <i>*New in 2022*</i> TMDL Complete 3/25/2009 |
| Tennessee River | Bear Creek | 701111 | Tishamingo | Aquatic Life Use Support | Sediment | Near Burnstown from Unnamed Tributary North of County Road 86 to state line | <i>*New in 2022*</i> TMDL Complete 11/30/2005 |
| Tombigbee River | Big Brown Creek | 800411 | Prentiss | Aquatic Life Use Support | Sediment | From headwaters to State Highway 30 | <i>*New in 2022*</i> TMDL Complete 1/26/2007 |
| Yazoo River | Abiaca Creek | 919711 | Carroll | Aquatic Life Use Support | Sediment | From headwaters to MWS boundary 9198 | TMDL Complete 04/15/2008 |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location | Listing Change |
|-------------|---------------------|---------------|-----------|--------------------------|---|--|--|
| Yazoo River | Abiaca Creek | 919811 | Carroll | Aquatic Life Use Support | Sediment | From MWS boundary 9197 to confluence with Coila Creek | TMDL Complete 04/15/2008 |
| Yazoo River | Abiaca Creek | 920011 | Carroll | Aquatic Life Use Support | Sediment | From confluence with Coila Creek to MWS boundary 9411 | TMDL Complete 04/15/2008 |
| Yazoo River | Bee Lake | 941711 | Holmes | Aquatic Life Use Support | Sediment | Entire lake in Holmes County | TMDL Complete 06/30/2003 |
| Yazoo River | Bee Lake | 941711 | Holmes | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | Entire lake in Holmes County | TMDL Complete 06/30/2003 |
| Yazoo River | Bee Lake | 941711 | Holmes | Aquatic Life Use Support | Nutrients | Entire lake in Holmes County | TMDL Complete 06/30/2003 |
| Yazoo River | Big Sunflower River | 938712 | Sunflower | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | From confluence with Jones Bayou at MWS boundary 9388 to confluence with Porter Bayou at MWS boundary 9405 | *New in 2022* TMDL Complete 6/30/2003 |
| Yazoo River | Big Sunflower River | 938712 | Sunflower | Aquatic Life Use Support | Nutrients | From confluence with Jones Bayou at MWS boundary 9388 to confluence with Porter Bayou at MWS boundary 9405 | *New in 2022* TMDL Complete 6/30/2003 |
| Yazoo River | Big Sunflower River | 938712 | Sunflower | Aquatic Life Use Support | Sediment | From confluence with Jones Bayou at MWS boundary 9388 to confluence with Porter Bayou at MWS boundary 9405 | *New in 2022* TMDL Complete 6/30/2003 |
| Yazoo River | Burney Branch | 907313 | Lafayette | Aquatic Life Use Support | Sediment | From headwaters to mouth at Yocona River | *New in 2022* TMDL Complete 4/17/2008 |
| Yazoo River | Clear Creek | 904611 | Lafayette | Aquatic Life Use Support | Sediment | From headwaters to confluence with Hudson Creek | *New in 2022* TMDL Complete 5/23/2019 |
| Yazoo River | Dump Lake | 923011 | Yazoo | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | Near Satartia off Dump Lake Road near boat ramp | TMDL Complete 06/30/2003 |
| Yazoo River | Dump Lake | 923011 | Yazoo | Aquatic Life Use Support | Nutrients | Near Satartia off Dump Lake Road near boat ramp | TMDL Complete 06/30/2003 |
| Yazoo River | Dump Lake | 923011 | Yazoo | Aquatic Life Use Support | Sediment | Near Satartia off Dump Lake Road near boat ramp | TMDL Complete 06/30/2003 |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location | Listing Change |
|-------------|----------------------------|---------------|-------------------------|--------------------------|---|--|--|
| Yazoo River | Lake George | 947611 | | Aquatic Life Use Support | Nutrients | At Holly Bluff from Lower Auxiliary Channel to Yazoo River | *New in 2022* TMDL Complete 4/26/2008 |
| Yazoo River | Lake George | 947611 | | Aquatic Life Use Support | Sediment | At Holly Bluff from Lower Auxiliary Channel to Yazoo River | *New in 2022* TMDL Complete 4/17/2008 |
| Yazoo River | Lake Washington | 944611 | Washington | Aquatic Life Use Support | Sediment | Entire Lake Washington | TMDL Complete 06/30/2003 |
| Yazoo River | Lake Washington | 944211 | Washington | Aquatic Life Use Support | Sediment | Entire Lake Washington | TMDL Complete 06/30/2003 |
| Yazoo River | Lake Whittington | 990611 | Bolivar | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | Entire lake | *New in 2022* TMDL Complete 6/11/2008 |
| Yazoo River | Lake Whittington | 990611 | Bolivar | Aquatic Life Use Support | Nutrients | Entire lake | *New in 2022* TMDL Complete 6/11/2008 |
| Yazoo River | Long Creek | 908511 | Panola | Aquatic Life Use Support | Sediment | From headwaters to confluence with Goodwin Creek | *New in 2022* TMDL Complete 4/17/2008 |
| Yazoo River | Moon Lake | 931711 | Coahoma | Aquatic Life Use Support | Sediment | Entire lake | *New in 2022* TMDL Complete 5/16/2003 |
| Yazoo River | Mossy Lake | 942211 | Leflore | Aquatic Life Use Support | Nutrients | Entire lake near Swiftown | TMDL Complete 06/30/2003 |
| Yazoo River | Mossy Lake | 942211 | Leflore | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | Entire lake near Swiftown | TMDL Complete 06/30/2003 |
| Yazoo River | Mossy Lake | 942211 | Leflore | Aquatic Life Use Support | Sediment | Entire lake near Swiftown | TMDL Complete 04/17/2008 |
| Yazoo River | North Fork Tillatoba Creek | 906611 | Yalobusha, Tallahatchie | Aquatic Life Use Support | Sediment | From headwaters to mouth at Tillatoba Creek | TMDL Complete 04/17/2008 |
| Yazoo River | Perry Creek | 922912 | Yazoo | Aquatic Life Use Support | Chlorides | Near Oil City from headwaters to mouth at O'Neal Creek | *New in 2022* TMDL Complete 6/18/2003 |
| Yazoo River | Perry Creek | 922912 | Yazoo | Aquatic Life Use Support | TDS | Near Oil City from headwaters to mouth at O'Neal Creek | *New in 2022* TMDL Complete 6/18/2003 |
| Yazoo River | Perry Creek | 922912 | Yazoo | Aquatic Life Use Support | Salinity | Near Oil City from headwaters to mouth at O'Neal Creek | *New in 2022* TMDL Complete 6/18/2003 |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location | Listing Change |
|-------------|-----------------|-------------------|--------------------|--------------------------|---|--|--|
| Yazoo River | Roebuck Lake | 938212 | Leflore | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | Entire lake near Itta Bena | TMDL Complete 04/17/2008 |
| Yazoo River | Roebuck Lake | 938212 | Leflore | Aquatic Life Use Support | Total Nitrogen | Entire lake near Itta Bena | TMDL Complete 06/11/2008 |
| Yazoo River | Roebuck Lake | 938212 | Leflore | Aquatic Life Use Support | Total Phosphorus | Entire lake near Itta Bena | TMDL Complete 06/11/2008 |
| Yazoo River | Roebuck Lake | 938212 | Leflore | Aquatic Life Use Support | Sediment | Entire lake near Itta Bena | TMDL Complete 04/17/2008 |
| Yazoo River | Short Creek | 922711 | Yazoo | Aquatic Life Use Support | Sediment | From Headwaters To Mouth at the Yazoo River | TMDL Complete 04/17/2008 |
| Yazoo River | Six Mile Lake | 937711 | Leflore, Sunflower | Aquatic Life Use Support | Nutrients | Near Money at CR 541 Bridge | TMDL Complete 06/30/2003 |
| Yazoo River | Six Mile Lake | 937711 | Leflore, Sunflower | Aquatic Life Use Support | Sediment | Near Money at CR 541 Bridge | TMDL Complete 04/17/2008 |
| Yazoo River | Tchula Lake | 941811/ 941511 | Holmes | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | Entire Tchula Lake | TMDL Complete 06/17/2008 |
| Yazoo River | Tchula Lake | 941811/ 941511 | Holmes | Aquatic Life Use Support | Total Nitrogen | Entire Tchula Lake | TMDL Complete 06/17/2008 |
| Yazoo River | Tchula Lake | 941811/ 941511 | Holmes | Aquatic Life Use Support | Total Phosphorus | Entire Tchula Lake | TMDL Complete 06/17/2008 |
| Yazoo River | Tchula Lake | 941811/ 941511 | Holmes | Aquatic Life Use Support | Sediment | Entire Tchula Lake | TMDL Complete 04/17/2008 |
| Yazoo River | Tillatoba Creek | 906211 | Yalobusha | Aquatic Life Use Support | Sediment | From headwaters to confluence with South Fork Tillatoba Creek at MWS boundary 9065 | *New in 2022* TMDL Complete 4/17/2008 |
| Yazoo River | Thompson Creek | 922811 | Yazoo | Aquatic Life Use Support | Toxics | From headwaters to mouth at Perry Creek | TMDL Complete 06/18/2003 |
| Yazoo River | Wasp Lake | 942313 | Humphreys | Aquatic Life Use Support | Total Phosphorus | Entire Wasp Lake near Belzoni | TMDL Complete 06/30/2003 |
| Yazoo River | Wasp Lake | 942313 | Humphreys | Aquatic Life Use Support | Sediment | Entire Wasp Lake near Belzoni | TMDL Complete 06/30/2003 |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location | Listing Change |
|-------------|------------------|---------------|------------------|--------------------------|---|---|---|
| Yazoo River | Wasp Lake | 942313 | Humphreys | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | Entire Wasp Lake near Belzoni | TMDL Complete 06/30/2003 |
| Yazoo River | Wolf/ Broad Lake | 947411 | Yazoo, Humphreys | Aquatic Life Use Support | Sediment | Entire lake near Lake City | <i>*New in 2022*</i> TMDL Complete 6/30/2003 |
| Yazoo River | Yazoo River | 941212 | Leflore | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | From MWS boundary 9409 to confluence with Snake Creek | <i>*New in 2022*</i> TMDL Complete 5/05/2008 |
| Yazoo River | Yazoo River | 941212 | Leflore | Aquatic Life Use Support | Total Nitrogen | From MWS boundary 9409 to confluence with Snake Creek | <i>*New in 2022*</i> TMDL Complete 6/30/2008 |
| Yazoo River | Yazoo River | 941212 | Leflore | Aquatic Life Use Support | Total Phosphorus | From MWS boundary 9409 to confluence with Snake Creek | <i>*New in 2022*</i> TMDL Complete 6/30/2008 |
| Yazoo River | Yazoo River | 941212 | Leflore | Aquatic Life Use Support | Sediment | From MWS boundary 9409 to confluence with Snake Creek | <i>*New in 2022*</i> TMDL Complete 6/30/2008 |
| Yazoo River | Yocona River | 907011 | Lafayette | Aquatic Life Use Support | Sediment | From MWS boundary 9069 to MWS boundary 9071 | <i>*New in 2022*</i> TMDL Complete 4/17/2008 |
| Yazoo River | Yocona River | 906911 | Lafayette | Aquatic Life Use Support | Sediment | From MWS boundary 9068 to MWS boundary 9070 | <i>*New in 2022*</i> TMDL Complete 4/17/2008 |
| Yazoo River | Yocona River | 906711 | Pontotoc | Aquatic Life Use Support | Sediment | From headwaters to confluence with Coon Creek | <i>*New in 2022*</i> TMDL Complete 4/17/2008 |
| Yazoo River | Yocona River | 907111 | Lafayette | Aquatic Life Use Support | Sediment | From MWS boundary 9070 to 11 digit watershed boundary 280 | <i>*New in 2022*</i> TMDL Complete 4/17/2008 |
| Yazoo River | Yocona River | 906811 | Lafayette | Aquatic Life Use Support | Sediment | From confluence with Coon Creek to confluence with McGlawin Creek | <i>*New in 2022*</i> TMDL Complete 4/17/2008 |

RULE 9.7 TMDLs SCHEDULED FOR THE NEXT TWO YEARS

MDEQ has developed a collaborative framework for implementing the Clean Water Act in compliance with a national initiative by EPA. The Priority Framework Process is designed to help coordinate efforts to advance the effectiveness of the water program. In order to select priority watersheds MDEQ used landscape information to characterize and rank watersheds by resource value and potential stressors. This framework does not change regulation, policy or issue new

mandates. It is intended to provide focus for MDEQ’s water programs so as to better manage the activities and promote collaboration to achieve water quality goals. MDEQ will review the selection and screening criteria this cycle and will select new priority watersheds for the 2024 Listing cycle. More information on the Priority Framework Process can be found here:

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

Table 9 below lists the TMDLs MDEQ has planned for development in 2022 and 2023 based on resource availability. These TMDLs are also dependent on completion of stressor identifications for the biological listings included.

Table 9. TMDLs Scheduled for 2022 and 2023

| Basin | Water Body Name | Water Body ID | County | Pollutant |
|------------------|-----------------|---|------------------------------|---|
| Pascagoula River | Tallahala Creek | 413711, 413712, 413812 | Jones, Forest, Perry | Biological Impairment, Total Nitrogen, pH, Total Phosphorus |
| Pascagoula River | Tallahoma Creek | 412511, 412711, 412811, 412911 | Forest, Jasper, Jones, Perry | Biological Impairment |
| Tombigbee River | Dry Creek | 804214 | Clay, Monroe | Biological Impairment |
| Tombigbee River | Fuller Creek | 804112 | Clay, Monroe | Biological Impairment |
| Tombigbee River | Leeper Creek | 805112 | Lee | Biological Impairment |
| Tombigbee River | Town Creek | 804111 | Clay, Monroe | Biological Impairment |
| Yazoo River | Cherry Creek | 901212 | Pontotoc | Biological Impairment |
| Yazoo River | Lyon Creek | 901111 | Pontotoc | Biological Impairment |
| Yazoo River | Okanattie | 900911 | Union | Biological Impairment |

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

RULE 9.8 PUBLIC PARTICIPATION AND APPROVAL PROCESS

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

The public is invited to comment on the content of this document. The Public Notice period began on January 10, 2022 and will continue until February 10, 2022. Comments are accepted by mail or electronic submission and at a Public Hearing held via teleconference at the end of the public comment period. The proposed document will be submitted to the Mississippi Commission on Environmental Quality for adoption. Once adopted by the Commission, the 2022 §303(d) List will be submitted to EPA Region 4 for final approval, and then the Mississippi 2022 §303(d) List of Impaired Water Bodies will be filed with the Mississippi Secretary of State in compliance with state law.

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

RULE 9.9 IMPAIRED WATERS LISTING

Table 10. Impaired Waters

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-----------------|--------------------|---------------|---------|--------------------------|-----------------------|---|
| Big Black River | Big Cypress Creek | 104812 | Holmes | Aquatic Life Use Support | Biological Impairment | Near Franklin from headwaters to confluence with Unnamed Intermittent Tributary downstream of Highway 17 bridge |
| Big Black River | Crooked Creek | 103913 | Attala | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Seneasha Creek |
| Big Black River | Fleetwood Creek | 109113 | Hinds | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Bakers Creek |
| Big Black River | Hamer Bayou | 109312 | Warren | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Big Black River |
| Big Black River | Hobuck Creek | 105511 | Madison | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Doaks Creek |
| Big Black River | Jims Bayou | 109311 | Warren | Aquatic Life Use Support | Biological Impairment | Near Reganton from headwaters to mouth at Big Black River |
| Big Black River | Kyle Creek | 102811 | Holmes | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Big Black River |
| Big Black River | Little Bear Creek | 105712 | Madison | Aquatic Life Use Support | Biological Impairment | Near Madison from headwaters to mouth at Bear Creek |
| Big Black River | Little Black Creek | 100511 | Webster | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Big Black River |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-----------------|--------------------------|---------------|---------------------|--------------------------|-----------------------------|---|
| Big Black River | Markham Creek | 108011 | Warren | Aquatic Life Use Support | Biological Impairment | From Headwaters To The Mouth Of Big Black River |
| Big Black River | Parker Creek | 103914 | Attala, Madison | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Seneasha Creek |
| Big Black River | Pepper/ Rucker Creek | 104511 | Yazoo | Aquatic Life Use Support | Biological Impairment | Near Canton from headwaters to mouth at Beaver Run |
| Big Black River | Persimmon Creek | 106311 | Madison | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Big Black River |
| Big Black River | Porter Creek | 107611 | Hinds | Aquatic Life Use Support | Biological Impairment | Near Lynchburg from headwaters to mouth at Big Black River |
| Big Black River | Sand Creek | 101112 | Webster | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Calabrell Creek |
| Big Black River | Silver Creek | 108012 | Warren | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Big Black River |
| Big Black River | Spring Creek | 100211 | Webster | Aquatic Life Use Support | Biological Impairment | At Sara from headwaters to MWS 1001 boundary |
| Big Black River | Willis Creek | 109511 | Warren | Aquatic Life Use Support | Biological Impairment | Near Galloway from headwaters to mouth at Big Black River |
| Big Black River | Wolf Creek | 101312 | Montgomery, Webster | Aquatic Life Use Support | Biological Impairment | Near Shelbyton from headwaters to confluence with Patts Branch |
| Coastal Streams | Bayou Casotte West Prong | 200312 | Jackson | Aquatic Life Use Support | Organic Enrichment / Low DO | From Louise Street to the confluence of West Prong and East Prong |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-----------------|------------------|---------------|----------------------|--------------------------|-----------------------|--|
| Coastal Streams | Bayou Laterre | 204112 | Hancock | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Unnamed Tributary |
| Coastal Streams | Bernard Bayou | 202112 | Harrison | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Flat Branch |
| Coastal Streams | Catahoula Creek | 203311 | Hancock | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Bernard Bayou |
| Coastal Streams | Costapia Bayou | 201611 | Harrison | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Tchoutacabouffa River |
| Coastal Streams | Dead Tiger Creek | 203711 | Hancock | Aquatic Life Use Support | Biological Impairment | Near Kiln from headwaters to confluence with Catahoula Creek |
| Coastal Streams | Flat Branch | 202111 | Harrison | Aquatic Life Use Support | Biological Impairment | Near Gulfport from headwaters to mouth at Bernard Bayou |
| Coastal Streams | Hickory Creek | 203411 | Hancock, Pearl River | Aquatic Life Use Support | Biological Impairment | From headwaters to MWS 2035 boundary |
| Coastal Streams | Hickory Creek | 203511 | Hancock | Aquatic Life Use Support | Biological Impairment | From MWS 2034 boundary to mouth at Catahoula Creek |
| Coastal Streams | Palmer Creek | 200915 | Harrison | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Biloxi River |
| Coastal Streams | Railroad Creek | 201411 | Jackson, Harrison | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Ramsey Creek |
| Coastal Streams | Tiger Creek | 200912 | Harrison | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Biloxi River |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|---------------------------|------------------------------------|---------------|-------------------|--------------------------|-----------------------|---|
| Coastal Streams | Unnamed Tributary to Bayou Lasalle | 204013 | Harrison, Hancock | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Bayou Lasalle |
| Coastal Streams | Unnamed Tributary to Rotten Bayou | 204012 | Harrison, Hancock | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Rotten Bayou |
| Coastal Streams | Wolf Creek | 205312 | Hancock, Harrison | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Wolf River |
| North Independent Streams | Bearman Creek | 302412 | Tippah | Aquatic Life Use Support | Biological Impairment | From headwaters to N35° |
| North Independent Streams | Bell Creek | 302012 | Tippah | Aquatic Life Use Support | Biological Impairment | Bell Creek from headwaters to mouth at West Prong Muddy Creek |
| North Independent Streams | Bynum Creek | 300413 | Alcorn | Aquatic Life Use Support | Biological Impairment | Near Rienzi From Headwaters To Mouth At Hinkle Creek |
| North Independent Streams | Coon Creek | 301312 | Alcorn | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth of Tuscumbia River Canal |
| North Independent Streams | Eastes Creek | 301112 | Alcorn | Aquatic Life Use Support | Biological Impairment | Near Kossuth from the confluence with Underwood Creek to the mouth at Tuscumbia River Canal |
| North Independent Streams | Fourth Creek | 301913 | Tippah, Alcorn | Aquatic Life Use Support | Biological Impairment | Near Walnut from headwaters to mouth at Hatchie River |
| North Independent Streams | Grays Creek | 303511 | Benton | Aquatic Life Use Support | Biological Impairment | From headwaters to TN state line |
| North Independent Streams | Hinkle Creek | 300412 | Alcorn | Aquatic Life Use Support | Biological Impairment | Near Rienzi from headwaters to mouth at Tuscumbia River Canal |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|---------------------------|-----------------------------|----------------------|---------------|--------------------------|-----------------------|--|
| North Independent Streams | Little Cane Creek | 301213 | Alcorn | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Tuscumbia River Canal |
| North Independent Streams | Mcelroy Creek | 301113 | Alcorn | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Tuscumbia River Canal |
| North Independent Streams | Owl Creek | 301412 | Tippah | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Little Hatchie River |
| North Independent Streams | Tarebreeches Creek | 301212 | Alcorn | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Tuscumbia River Canal |
| North Independent Streams | Turkey Creek | 302112 | Tippah | Aquatic Life Use Support | Biological Impairment | Near Falkner from headwaters to mouth at Muddy Creek |
| North Independent Streams | UNT North Prong Muddy Creek | 302013 | Tippah | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Muddy Creek |
| North Independent Streams | West Prong Muddy Creek | 302011 | Tippah | Aquatic Life Use Support | Biological Impairment | At Falkner from headwaters to mouth at Muddy Creek |
| Pascagoula River | Anderson Branch | 401711 | Newton | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Okahatta Creek |
| Pascagoula River | Archusa Creek | 405111 | Clarke | Aquatic Life Use Support | Biological Impairment | From headwaters at Unnamed Impoundment to MWS 4052 boundary. |
| Pascagoula River | Beaver Creek | 421212 | Perry | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Hickory Creek |
| Pascagoula River | Beaver Lake | 418913 | Lamar | Aquatic Life Use Support | pH | Near Purvis |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|------------------|-----------------|---------------|--------------------------------|--------------------------|-----------------------|---|
| Pascagoula River | Big Creek | 409911 | Jones | Aquatic Life Use Support | Biological Impairment | From MWS 4098 boundary to mouth at Leaf River |
| Pascagoula River | Black Creek | 418412 | Jefferson Davis, Marion, Lamar | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Monroe Creek |
| Pascagoula River | Cedar Creek | 408611 | Newton, Jasper | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Quarterliah Creek |
| Pascagoula River | Chunky Creek | 401511 | Newton | Aquatic Life Use Support | Biological Impairment | From headwaters near Union to MWS boundary 4018 |
| Pascagoula River | Chunky River | 402611 | Lauderdale, Clarke | Aquatic Life Use Support | Biological Impairment | From confluence with Possum Creek to mouth at Chickasawhay River |
| Pascagoula River | Chunky River | 402312 | Newton, Lauderdale | Aquatic Life Use Support | Biological Impairment | From confluence with Chunky Creek and Potterchitto Creek to the MWS 4026 boundary |
| Pascagoula River | Clear Creek | 409013 | Smith | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Oakohay Creek |
| Pascagoula River | Crawford Creek | 406612 | Wayne | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Big Creek |
| Pascagoula River | Dry Creek | 406613 | Wayne | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Big Creek |
| Pascagoula River | Dry Creek | 403811 | Clark, Wayne | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Buckatunna Creek |
| Pascagoula River | Fallen Creek | 424012 | Clarke | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Chickasawhay River |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|------------------|------------------------|----------------------|--------------------|--------------------------|-----------------------|---|
| Pascagoula River | Five Mile Creek | 424211 | Clarke | Aquatic Life Use Support | Biological Impairment | Near Carmichael from headwaters to mouth at Buckatunna Creek |
| Pascagoula River | Flint Creek | 420211 | Stone | Aquatic Life Use Support | Biological Impairment | From outfall of Flint Creek Reservoir to mouth at Red Creek |
| Pascagoula River | Gordon Creek | 405011 | Clarke | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Souenlovie Creek |
| Pascagoula River | Horse Branch | 413612 | Jasper | Aquatic Life Use Support | Biological Impairment | Near Heidelberg from headwaters to mouth at Tallahattah Creek |
| Pascagoula River | Little Oakahay Creek | 408912 | Smith | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Oakohay Creek |
| Pascagoula River | Long Branch | 403512 | Clarke | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Tallabogue Creek |
| Pascagoula River | Long Creek | 403011 | Lauderdale, Clarke | Aquatic Life Use Support | Biological Impairment | From confluence with Gays Branch to MWS 4031 boundary |
| Pascagoula River | Martin Creek | 407813 | Greene | Aquatic Life Use Support | Biological Impairment | From headwaters to Leaksville POTW outfall |
| Pascagoula River | Martin Creek | 407812 | Greene | Aquatic Life Use Support | Biological Impairment | From Leaksville POTW outfall downstream to mouth at Chakasawhay River |
| Pascagoula River | Mill Creek | 418612 | Lamar | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Black Creek |
| Pascagoula River | Okatibbee Creek | 401111 | Lauderdale | Aquatic Life Use Support | Biological Impairment | From MWS 4010 boundary to mouth at Chickasawhay River |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|------------------|------------------|---------------|----------------|--------------------------|----------------------------------|---|
| Pascagoula River | Okatibbee Creek | 401011 | Lauderdale | Aquatic Life Use Support | Biological Impairment | Near Savoy from confluence with Sowashee Creek to MWS 4011 boundary |
| Pascagoula River | Penantly Creek | 404712 | Jasper | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Souenlovie Creek |
| Pascagoula River | Penders Creek | 400412 | Kemper | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth of Chickasawhay Creek |
| Pascagoula River | Prairie Creek | 413911 | Jasper | Aquatic Life Use Support | Biological Impairment | Near Heildelberg from headwaters to mouth at Bogue Homo |
| Pascagoula River | Reese Creek | 416212 | Forest | Aquatic Life Use Support | Biological Impairment | From Temple Rd to mouth at Leaf River |
| Pascagoula River | Rocky Creek | 403311 | Clarke | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Buckatunna Creek |
| Pascagoula River | Rocky Creek | 426211 | George | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Escatawpa River |
| Pascagoula River | Sandy Run | 418613 | Lamar | Recreation | Pathogens | From headwaters to mouth at Black Creek |
| Pascagoula River | Souenlovie Creek | 404811 | Clarke, Jasper | Aquatic Life Use Support | Biological Impairment | From confluence with Penantly Creek to confluence with Twistwood Creek |
| Pascagoula River | Sowashee Creek | 400811 | Lauderdale | Aquatic Life Use Support | Total Nitrogen, Total Phosphorus | At Meridian from headwaters to confluence with Unnamed Tributary at MWS 4237 boundary |
| Pascagoula River | Sowashee Creek | 423711 | Lauderdale | Aquatic Life Use Support | Total Nitrogen, | From MWS 4008 boundary to MWS 4009 boundary |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|------------------|-----------------|---------------|----------------|--------------------------|----------------------------------|--|
| | | | | | Total Phosphorus | |
| Pascagoula River | Sowashee Creek | 400911 | Lauderdale | Aquatic Life Use Support | Total Nitrogen, Total Phosphorus | From confluence with Unnamed Tributary at MWS 4237 boundary to confluence with Okatibbee Creek |
| Pascagoula River | Tallahala Creek | 413711 | Jones, Jasper | Aquatic Life Use Support | Sediment | From confluence of Talahata Creek to confluence of Big Reely Creek |
| Pascagoula River | Tallahala Creek | 413712 | Jones | Aquatic Life Use Support | Sediment | From confluence with Big Reely Creek to MWS 4138 boundary |
| Pascagoula River | Tallahala Creek | 413812 | Jones | Aquatic Life Use Support | Sediment | From MWS 4137 boundary to confluence with Tallahoma Creek |
| Pascagoula River | Tallahoma Creek | 412911 | Jones | Aquatic Life Use Support | Sediment | From confluence with Horse Creek to confluence with Tallahala Creek |
| Pascagoula River | Tallahoma Creek | 412811 | Jones | Aquatic Life Use Support | Sediment | From confluence with Terrapin Creek to confluence with Horse Creek |
| Pascagoula River | Tallahoma Creek | 412511 | Jasper | Aquatic Life Use Support | Sediment | Near Laurel from confluence with Piney Branch to MWS 4127 boundary |
| Pascagoula River | Tallahoma Creek | 412711 | Jasper, Jones | Aquatic Life Use Support | Sediment | From MWS 4125 boundary to confluence with Terrapin Creek |
| Pascagoula River | Tiger Creek | 414512 | Jones | Aquatic Life Use Support | Biological Impairment | From confluence with East Tiger Creek to mouth at Bogue Homo |
| Pascagoula River | Twistwood Creek | 423811 | Jasper, Clarke | Aquatic Life Use Support | Biological Impairment | From confluence of North and South Twistwood Creek to mouth at Souinlovie Creek |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|------------------|------------------------------------|---------------|-----------------|--------------------------|-----------------------|--|
| Pascagoula River | Unnamed Tributary to Oakohay Creek | 409014 | Smith | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Oakohay Creek |
| Pascagoula River | West Bouie Creek | 411212 | Jefferson Davis | Aquatic Life Use Support | Biological Impairment | Near Bassfield from headwaters to confluence with Bouie River |
| Pearl River | Ashlog Creek | 508313 | Rankin | Aquatic Life Use Support | Biological Impairment | Near Pelahatchie from headwaters to mouth at Pelahatchie Creek |
| Pearl River | Bahala Creek | 513911 | Copiah | Aquatic Life Use Support | Biological Impairment | From confluence with Russell Creek to confluence with Little Bahala Creek |
| Pearl River | Beaver Creek | 521413 | Pike | Aquatic Life Use Support | Biological Impairment | Near Johnstons Station from outfall of Dixie Springs Lake to mouth at Bogue Chitto River |
| Pearl River | Big Creek | 513211 | Simpson | Aquatic Life Use Support | Biological Impairment | Near Harrisville from MWS 5131 boundary at Heed Neely Road bridge to mouth at strong River |
| Pearl River | Bogue Chitto River | 521111 | Lincoln | Aquatic Life Use Support | Biological Impairment | From confluence with Boone Creek to confluence with Myers Creek |
| Pearl River | Bogue Chitto River | 521311 | Lincoln | Aquatic Life Use Support | Biological Impairment | From confluence with Myers Creek to Johnson's Station |
| Pearl River | Boone Creek | 521113 | Lincoln | Aquatic Life Use Support | Biological Impairment | Near Brookhaven from headwaters to mouth at Bogue Chitto |
| Pearl River | Caney Creek | 511411 | Scott, Smith | Aquatic Life Use Support | Biological Impairment | Near Pulaski from headwaters at W Moore Tower Road to mouth at Strong River |
| Pearl River | Clear Creek | 508611 | Rankin | Aquatic Life Use Support | Biological Impairment | Near Pelahatchie from headwaters to mouth at Pelahatchie Creek |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-------------|-------------------|---------------|-------------------------|--------------------------|-----------------------|---|
| Pearl River | Cobbs Creek | 504111 | Leake | Aquatic Life Use Support | Biological Impairment | Near Carthage from headwaters to mouth at Lobutch Creek |
| Pearl River | Cole Creek | 506111 | Attala | Aquatic Life Use Support | Biological Impairment | Near French Camp from headwaters to MWS 5059 boundary |
| Pearl River | Coon Creek | 503713 | Leake | Aquatic Life Use Support | Biological Impairment | Near Renfro from headwaters to mouth at Lobutch Creek |
| Pearl River | Holiday Creek | 516311 | Jefferson Davis, Marion | Aquatic Life Use Support | Biological Impairment | From confluence with Unnamed Tributary at MWS 5162 boundary to mouth at Pearl River |
| Pearl River | Hollybush Creek | 508612 | Rankin | Aquatic Life Use Support | Biological Impairment | Near Pelahatchie from headwaters to mouth at Clear Creek |
| Pearl River | Hontokalo Creek | 504711 | Scott | Aquatic Life Use Support | Biological Impairment | Near Steel from headwaters to mouth at Little Canal |
| Pearl River | Land Creek | 500911 | Kemper | Aquatic Life Use Support | Biological Impairment | Near Bogue Chitto from headwaters to mouth at Bogue Chitto River |
| Pearl River | Line Creek | 508312 | Scott, Rankin | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Pelahatchie Creek |
| Pearl River | Owl Creek | 501111 | Kemper, Neshoba | Aquatic Life Use Support | Biological Impairment | Near Preston from headwaters to the Bogue Chitto River |
| Pearl River | Pellaphalia Creek | 507212 | Leake, Madison | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Pearl River |
| Pearl River | Pickens Creek | 504112 | Leake | Aquatic Life Use Support | Biological Impairment | Near Redwater from headwaters to mouth at Cobbs Creek |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-------------|----------------------------------|---------------|-----------------|--------------------------|-----------------------|---|
| Pearl River | Price Creek | 519512 | Pearl River | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with W. Hobolochitto |
| Pearl River | Purvis Creek | 511711 | Rankin, Smith | Aquatic Life Use Support | Biological Impairment | Near Polkville from headwaters to mouth at Strong River |
| Pearl River | Rials Creek | 512712 | Simpson | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Simmons Branch |
| Pearl River | Shiola Creek | 507111 | Leake | Aquatic Life Use Support | Biological Impairment | At St Ann from headwaters to MWS 5070 boundary at St Ann Road |
| Pearl River | Steel Creek | 513511 | Copiah | Aquatic Life Use Support | Biological Impairment | Near Rockport from headwaters to mouth at the Pearl River |
| Pearl River | Sugar Bogue | 507612 | Scott | Aquatic Life Use Support | Biological Impairment | Near Forkville from headwaters to mouth at Coffee Bogue |
| Pearl River | Tibby Creek | 505811 | Choctaw, Attala | Aquatic Life Use Support | Biological Impairment | Near McCool from confluence with Robinson Branch to MWS 5056 boundary |
| Pearl River | Topisaw Creek | 522211 | Pike | Aquatic Life Use Support | Biological Impairment | Near Ruth from MWS 5219 boundary to confluence at Bogue Chitto |
| Pearl River | Town Creek | 503211 | Leake | Aquatic Life Use Support | Biological Impairment | At Carthage from headwaters to the Pearl River |
| Pearl River | Turtle Skin Creek | 520511 | Hancock | Aquatic Life Use Support | Biological Impairment | Near Santa Rosa from headwaters to confluence with Mikes River |
| Pearl River | Unnamed Tributary To Clear Creek | 521513 | Pike | Aquatic Life Use Support | Biological Impairment | Near Summit from headwaters to mouth at Clear Creek |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-------------------|--------------------------------------|---------------|-----------------|--------------------------|-----------------------|--|
| Pearl River | Unnamed Tributary To Tallahaga Creek | 500712 | Winston | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Tallahaga Creek |
| Pearl River | Upper Little Creek | 517011 | Lamar, Marion | Aquatic Life Use Support | Biological Impairment | From confluence with Graves Creek to mouth at Pearl River |
| Pearl River | White Sand Creek | 516111 | Jefferson Davis | Aquatic Life Use Support | Biological Impairment | From confluence with Little White Sand Creek (Jaybird Creek) to mouth at Pearl River |
| South Independent | Bala Chitto Creek | 614111 | Pike | Aquatic Life Use Support | Biological Impairment | From MWS 6140 boundary to state line |
| South Independent | Bayou Pierre | 601611 | Copiah | Aquatic Life Use Support | Biological Impairment | From confluence with Turkey Creek to confluence with White Oak Creek |
| South Independent | Bear Creek | 610514 | Wilkinson | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Buffalo River |
| South Independent | Beaver Creek | 608312 | Wilkinson | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Homochitto River |
| South Independent | Bolls Creek | 604611 | Jefferson | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with North Fork Coles Creek |
| South Independent | Browns Creek | 609612 | Wilkinson | Aquatic Life Use Support | Biological Impairment | Near Woodville from headwaters to mouth at Buffalo River |
| South Independent | Days Creek | 612312 | Amite | Aquatic Life Use Support | Biological Impairment | Near Busy Corner from headwaters to mouth at West Fork Amite Creek |
| South Independent | Dry Bayou | 608611 | Franklin | Aquatic Life Use Support | Biological Impairment | Near White Apple from headwaters to mouth at Caney Branch |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-------------------|------------------------|---------------|----------------------|--------------------------|-----------------------|--|
| South Independent | Dry Creek | 608111 | Wilkinson | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Homochitto River |
| South Independent | Dry Creek | 608211 | Franklin | Aquatic Life Use Support | Biological Impairment | At Garden City from headwaters to mouth at Homochitto River |
| South Independent | Folkes Creek | 605011 | Jefferson | Aquatic Life Use Support | Biological Impairment | From confluence of Stampley Creek and Compton Creek to mouth at South Fork Coles Creek |
| South Independent | Garret Creek | 603811 | Jefferson | Aquatic Life Use Support | Biological Impairment | Near Union Church from headwaters to mouth at Foster Creek |
| South Independent | Hatcher Bayou | 690411 | Warren | Aquatic Life Use Support | Biological Impairment | At Vicksburg from MWS 6902 boundary at Fisher Ferry Road to mouth at Hennesy Bayou |
| South Independent | Mud Island Creek | 604811 | Jefferson | Aquatic Life Use Support | Biological Impairment | From confluence with Fairchilds Creek to confluence with North Fork Coles Creek |
| South Independent | Muddy Bayou | 600212 | Claiborne, Jefferson | Aquatic Life Use Support | Biological Impairment | Near Alcorn from impoundment in headwaters to mouth at Dowd Creek |
| South Independent | North Dry Creek | 606112 | Franklin | Aquatic Life Use Support | Biological Impairment | Near Bude from headwaters to mouth at Homochitto River |
| South Independent | Paces Bayou | 690311 | Warren | Aquatic Life Use Support | Biological Impairment | From confluence with Redbone Creek to mouth at Hennesy Bayou |
| South Independent | Pickneyville Creek | 611211 | Wilkinson | Aquatic Life Use Support | Biological Impairment | Near Pickneyville from headwaters to mouth at Little Bayou Sara |
| South Independent | Saint Catherines Creek | 600611 | Adams | Aquatic Life Use Support | Biological Impairment | At Natchez from confluence with Melvin Bayou to mouth at Mississippi River |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-------------------|--------------------------|---------------|----------------------|--------------------------|-----------------------|--|
| South Independent | Saint Catherines Creek | 600511 | Adams | Aquatic Life Use Support | Biological Impairment | At Natchez from headwaters to confluence with Melvin Bayou |
| South Independent | Sandy Creek | 608811 | Adams | Aquatic Life Use Support | Biological Impairment | From confluence with Swafford Creek to mouth at Homochitto Creek |
| South Independent | Stafford Creek | 613212 | Amite, Wilkinson | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Comite Creek |
| South Independent | West Fork Thompson Creek | 611411 | Wilkinson | Aquatic Life Use Support | Biological Impairment | From headwaters to LA state line |
| South Independent | Willis Creek | 603411 | Jefferson, Claiborne | Aquatic Life Use Support | Biological Impairment | At Tillman from headwaters to MWS 6035 boundary near Tillman Road bridge |
| South Independent | Zeigler Creek | 607811 | Franklin | Aquatic Life Use Support | Biological Impairment | Near Rosetta from headwaters mouth at Homochitto River |
| Tombigbee River | Alamuchee Creek | 818311 | Lauderdale | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Little Alamuchee Creek |
| Tombigbee River | Alamuchee Creek | 818411 | Lauderdale | Aquatic Life Use Support | Biological Impairment | From Little Alamuchee Creek to MS/AL state line |
| Tombigbee River | Ash Creek | 816012 | Noxubee | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Noxubee River |
| Tombigbee River | Black Creek | 810013 | Lowndes | Aquatic Life Use Support | Biological Impairment | From headwaters to end near MWS 8207 boundary |
| Tombigbee River | Boguefala Creek | 819211 | Lee, Itawamba | Aquatic Life Use Support | Biological Impairment | Near Mooreville from headwaters to confluence with Greenwood Creek |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-----------------|------------------------|----------------------|-----------------------|--------------------------|----------------------------------|--|
| Tombigbee River | Boguegaba Creek | 802711 | Lee, Itawamba, Monroe | Aquatic Life Use Support | Biological Impairment | At Richmond from headwaters to mouth at Boguefala Creek |
| Tombigbee River | Browning Creek | 812913 | Oktibbeha, Noxubee | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Noxubee River |
| Tombigbee River | Cane Creek | 807411 | Chickasaw, Clay | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Houlika Creek |
| Tombigbee River | Casey Creek | 800812 | Prentiss | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Donivan Creek |
| Tombigbee River | Chico Creek | 820912 | Chickasaw | Aquatic Life Use Support | Biological Impairment | Near Houston from headwaters to mouth at Houlika Creek |
| Tombigbee River | Coonewah Creek | 805311 | Lee | Aquatic Life Use Support | Biological Impairment | From confluence with Little Coonewah Creek to mouth at Town Creek |
| Tombigbee River | Dry Creek | 804214 | Clay, Monroe | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Town Creek |
| Tombigbee River | Fuller Creek | 804112 | Monroe, Clay | Aquatic Life Use Support | Biological Impairment | Near West Point from headwaters to mouth at Town Creek |
| Tombigbee River | Greens Creek | 810312 | Lowndes | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth of Tombigbee River |
| Tombigbee River | Hollis Creek | 812211 | Oktibbeha | Aquatic Life Use Support | Total Nitrogen, Total Phosphorus | Near Starkville from headwaters to the Noxubee River |
| Tombigbee River | Howard Creek | 810011 | Lowndes | Aquatic Life Use Support | Biological Impairment | From Unnamed Trib near Mount Pleasant Church to mouth at Luxapallila Creek |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-----------------|------------------------|---------------|-----------------|--------------------------|---|---|
| Tombigbee River | Leeper Creek | 805112 | Lee | Aquatic Life Use Support | Biological Impairment | Near Plantersville from headwaters to mouth at Town Creek |
| Tombigbee River | Little Wolf Creek | 818812 | Prentiss | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Wolf Creek |
| Tombigbee River | Loakfoma Lake | 812914 | Noxubee | Aquatic Life Use Support | Organic Enrichment / Low Dissolved Oxygen | Near Oktoc near dam |
| Tombigbee River | Loakfoma Lake | 812914 | Noxubee | Aquatic Life Use Support | pH | Near Oktoc near dam |
| Tombigbee River | Long Branch | 808312 | Clay | Aquatic Life Use Support | Biological Impairment | Near Mhoons Valley from headwaters to mouth at Line Creek |
| Tombigbee River | Long Branch | 808512 | Oktibbeha | Aquatic Life Use Support | Biological Impairment | Near Starkville from headwaters to Trim Cane Creek |
| Tombigbee River | Long Creek | 807612 | Chickasaw, Clay | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Houlka Creek |
| Tombigbee River | Mantachie Creek | 801611 | Lee, Itawamba | Aquatic Life Use Support | Biological Impairment | At Mantachie from headwaters to Hwy 371 |
| Tombigbee River | Mcgee Creek | 808913 | Clay, Monroe | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Tibbee Creek |
| Tombigbee River | Mineral Springs Branch | 817312 | Kemper | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth of Blackwater Creek |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-----------------|-----------------|---------------|---------------|--------------------------|-----------------------|--|
| Tombigbee River | Minga Branch | 806612 | Monroe | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Mill Creek |
| Tombigbee River | Moore Creek | 819611 | Lowndes | Aquatic Life Use Support | Biological Impairment | At Columbus from headwaters to the Tombigbee River |
| Tombigbee River | Mubby Creek | 820011 | Pontotoc | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Chiwapa Creek |
| Tombigbee River | Oak Slush Creek | 819612 | Lowndes | Aquatic Life Use Support | Biological Impairment | Near Columbus from headwaters to the Ten-Tom Waterway |
| Tombigbee River | Okeelala Creek | 801011 | Prentiss, Lee | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Twentymile Creek |
| Tombigbee River | Osborne Creek | 800912 | Prentiss | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Twentymile Creek |
| Tombigbee River | Puncheon Creek | 801613 | Lee, Itawamba | Aquatic Life Use Support | Biological Impairment | Near Mantachie from headwaters to mouth at Mantachie Creek |
| Tombigbee River | Ray Branch | 801912 | Itawamba | Aquatic Life Use Support | Biological Impairment | Near County Road 23 from headwaters to mouth at Gum Creek |
| Tombigbee River | Sand Creek | 801612 | Lee, Itawamba | Aquatic Life Use Support | Sediment | Near Mantachie from headwaters to mouth at Mantachie Creek |
| Tombigbee River | Sand Creek | 804811 | Lee | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Mud Creek |
| Tombigbee River | Sand Creek | 821212 | Clay | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Old Field Creek |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-----------------|------------------------|----------------------|------------------|--------------------------|-----------------------|--|
| Tombigbee River | Shotbag Creek | 813012 | Lowndes, Noxubee | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Noxubee River |
| Tombigbee River | Spring Creek | 809312 | Clay | Aquatic Life Use Support | Sediment | Near Westpoint from headwaters to Ten-Tom Waterway |
| Tombigbee River | Standing Reed Creek | 808011 | Chickasaw, Clay | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Little Cane Creek |
| Tombigbee River | Sun Creek | 822011 | Noxubee, Winston | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Noxubee River |
| Tombigbee River | Tadpole Creek | 803112 | Monroe | Aquatic Life Use Support | Biological Impairment | From headwaters to Aberdeen Lake |
| Tombigbee River | Talking Warrior Creek | 812711 | Oktibbeha | Aquatic Life Use Support | Biological Impairment | From headwaters to MWS 8128 boundary |
| Tombigbee River | Town Creek | 804111 | Monroe, Clay | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Hang Kettle Creek |
| Tombigbee River | Town Creek | 804211 | Clay | Aquatic Life Use Support | Biological Impairment | From confluence with Hang Kettle Creek to mouth at Tenn-Tom Waterway |
| Tombigbee River | Town Creek | 808912 | Clay | Aquatic Life Use Support | Biological Impairment | At West Point from headwaters to Tibbee Creek |
| Tombigbee River | Tulip Creek | 804912 | Lee | Aquatic Life Use Support | Biological Impairment | At Tupelo from headwaters to mouth at Town Creek |
| Tombigbee River | Wet Water Creek | 813812 | Lowndes, Noxubee | Aquatic Life Use Support | Biological Impairment | Near Brooksville from headwaters to Noxubee River |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-----------------|-----------------|---------------|--------------------|--------------------------|-----------------------|---|
| Tombigbee River | Wolf Creek | 803412 | Monroe | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Mattubby Creek |
| Tombigbee River | Wolf Creek | 818811 | Prentiss | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Twentymile Creek |
| Tombigbee River | Woodruff Creek | 808212 | Clay | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Underwood Creek |
| Tombigbee River | Yonaba Creek | 804511 | Lee | Aquatic Life Use Support | Biological Impairment | At Tupelo from confluence of Bridge Creek to confluence of Town Creek |
| Yazoo River | Bear Creek | 913812 | Chickasaw, Calhoun | Aquatic Life Use Support | Biological Impairment | Near Atlanta from headwaters to mouth at Topashaw Creek Canal |
| Yazoo River | Beartail Creek | 909712 | Tate | Aquatic Life Use Support | Biological Impairment | From confluence with Unnamed Tributary near MWS 9096 boundary to mouth at Coldwater River |
| Yazoo River | Big Bogue | 917311 | Montgomery | Aquatic Life Use Support | Biological Impairment | Near Duck Hill from headwaters to confluence with Wilkins Creek |
| Yazoo River | Black Creek | 921713 | Holmes | Aquatic Life Use Support | Biological Impairment | From confluence with Tarrey Creek near MWS 9215 boundary to confluence with Harland Creek |
| Yazoo River | Bliss Creek | 923411 | Warren | Aquatic Life Use Support | Biological Impairment | Near Redwood from headwaters to the Yazoo River |
| Yazoo River | Buck Creek | 913813 | Calhoun, Webster | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Topashaw Creek |
| Yazoo River | Butputter Creek | 914511 | Grenada | Aquatic Life Use Support | Biological Impairment | Near Grenada from headwaters to Grenada Lake Flood Pool |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-------------|------------------|---------------|---------------------|--------------------------|---------------------------------------|--|
| Yazoo River | Cherry Creek | 901212 | Pontotoc | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Lappatubby Creek |
| Yazoo River | Cowpen Creek | 915312 | Calhoun | Aquatic Life Use Support | Biological Impairment | Near Banner from headwaters to the Skuna River |
| Yazoo River | Fannegusha Creek | 920911 | Holmes | Aquatic Life Use Support | Biological Impairment | Near Ituma from Carroll/ Holmes County line To MWS 9211 boundary |
| Yazoo River | Fourmile Branch | 907211 | Lafayette | Aquatic Life Use Support | Biological Impairment | Near Oxford from headwaters to mouth at Yellow Leaf Creek |
| Yazoo River | Hubbard Creek | 933711 | Tallahatchie | Aquatic Life Use Support | Biological Impairment | Near Tandy from headwaters to Southlake Bayou |
| Yazoo River | James Wolf Creek | 910512 | Tate | Aquatic Life Use Support | Biological Impairment | From MWS 9106 boundary at Hwy 4 to mouth at Hickahala Creek |
| Yazoo River | James Wolf Creek | 910611 | Tate | Aquatic Life Use Support | Biological Impairment | From headwaters to MWS 9105 boundary at Hwy 4 |
| Yazoo River | Lake Beulah | 990411 | Bolivar | Aquatic Life Use Support | Organic Enrichment/ Low DO | Entire lake near Beulah |
| Yazoo River | Lake Henry | 938312 | Leflore | Aquatic Life Use Support | Chlorides, Organic Enrichment/ Low DO | Just South of Belzoni off Hwy 49W |
| Yazoo River | Little Bogue | 916911 | Montgomery, Webster | Aquatic Life Use Support | Biological Impairment | Near Duckworth from headwaters to confluence with Caffee Branch |
| Yazoo River | Little Bogue | 917011 | Montgomery | Aquatic Life Use Support | Biological Impairment | From confluence with Caggee Branch to confluence with Powell Creek |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-------------|------------------------|---------------|---------------------|--------------------------|---|---|
| Yazoo River | Little Bogue | 917111 | Montgomery, Grenada | Aquatic Life Use Support | Biological Impairment | From confluence with Powell Creek to Batapan Bogue |
| Yazoo River | Little Coldwater Creek | 909112 | Marshall | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Coldwater River |
| Yazoo River | Little Horse Pen Creek | 914313 | Calhoun, Grenada | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Horsepen Creek |
| Yazoo River | Little Topashaw Creek | 913712 | Webster, Chickasaw | Aquatic Life Use Support | Biological Impairment | Near Woodland from headwaters to Topasaw Creek |
| Yazoo River | Lyon Creek | 901111 | Pontotoc | Aquatic Life Use Support | Biological Impairment | Near Pontotoc from headwaters to confluence with Lappatubby Creek |
| Yazoo River | Meridian Creek | 913312 | Calhoun | Aquatic Life Use Support | Biological Impairment | Near Vardaman from headwaters to mouth at Yalobusha River |
| Yazoo River | Moore Bayou | 931912 | Coahoma | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Cassidy Bayou |
| Yazoo River | Okachickima Creek | 916211 | Yalobusha | Aquatic Life Use Support | Biological Impairment | Near Hardy from headwaters to Grenada Lake Flood Pool |
| Yazoo River | Okannatie Creek | 900911 | Union | Aquatic Life Use Support | Biological Impairment | At Ecu from confluence with Popular Springs Creek to MWS 9010 boundary at Highway 15 bridge |
| Yazoo River | Pecan Bayou | 938511 | Sunflower, Leflore | Aquatic Life Use Support | Organic Enrichment/ Low Dissolved Oxygen | Near Doddsville from headwaters to mouth at Quiver River |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-------------|--|---------------|----------------------|--------------------------|---|--|
| Yazoo River | Pelucia Creek | 919311 | Carroll | Aquatic Life Use Support | Biological Impairment | From headwaters to MWS 9192 boundary |
| Yazoo River | Savannah Creek | 915214 | Calhoun | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Lucknuck Creek |
| Yazoo River | Shelton Creek | 908411 | Tallahatchie, Panola | Aquatic Life Use Support | Biological Impairment | Near Crowder from headwaters to Yocona River |
| Yazoo River | Shutispear Creek | 914011 | Calhoun, Webster | Aquatic Life Use Support | Biological Impairment | From headwaters to MWS 9139 boundary at Yalobusha River flood plain |
| Yazoo River | Skuna River | 915413 | Calhoun | Secondary Contact | Pathogens | At Bruce from Persimmon Creek to MWS 9156 boundary |
| Yazoo River | Skuna River Canal | 914811 | Pontotoc | Aquatic Life Use Support | Biological Impairment | From headwaters to confluence with Brush Creek |
| Yazoo River | Skuna River Canal | 914911 | Pontotoc, Chickasaw | Aquatic Life Use Support | Biological Impairment | From confluence with Brush Creek to MWS 9150 boundary |
| Yazoo River | Skuna River Canal | 915011 | Chickasaw, Calhoun | Aquatic Life Use Support | Biological Impairment | From MWS 9149 boundary to MWS 9152 boundary |
| Yazoo River | Unnamed Tributary To Little Tallahatchie River | 901713 | Union | Aquatic Life Use Support | Biological Impairment | Near Pinedale from headwaters to confluence with Unnamed Tributary just downstream of County Road 46 |
| Yazoo River | Walnut Lake | 931011 | Tunica | Aquatic Life Use Support | Organic Enrichment/ Low Dissolved Oxygen | Entire lake |

| Basin | Water Body Name | Water Body Id | County | Impaired Use | Pollutant | Location |
|-------------|-----------------|---------------|-----------------|--------------------------|-----------------------|--|
| Yazoo River | Whites Creek | 930111 | De Soto, Tunica | Aquatic Life Use Support | Biological Impairment | Near Prichard from headwaters to Lake Comorant Bayou |
| Yazoo River | Yoda Creek | 915414 | Calhoun | Aquatic Life Use Support | Biological Impairment | From headwaters to mouth at Skuna River |

REFERENCES

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MDEQ. 2018. *MISSISSIPPI CALM (Consolidated Assessment and Listing Methodology) 2014 Assessment and Listing Cycle*. Office of Pollution Control.

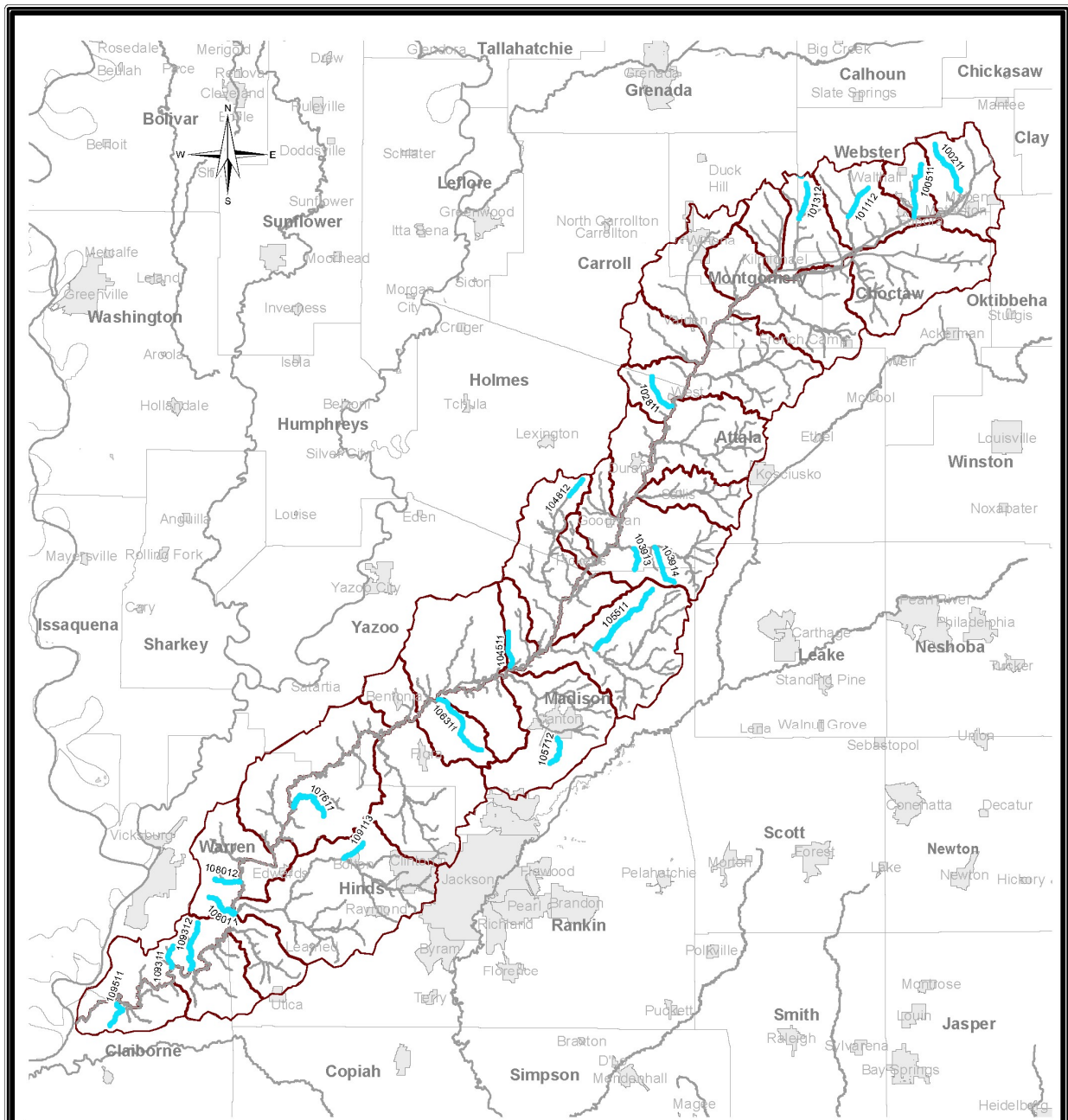
MDEQ. 2006. *NRCS State Watershed Map and Table*. Office of Pollution Control.

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MDEQ. 2006. *USGS and MDEQ State 12 Digit Watershed Atlas*. Office of Pollution Control.

APPENDIX A. ATLAS

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



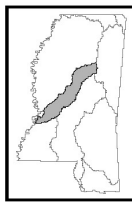
Impaired Waters Big Black River Basin

This map produced by the Department of Environmental Quality (MDEQ), Office of Pollution Control, Surface Water Division, Modeling and TMDL Branch on January 05, 2022.

All map data is from the Mississippi Automated Resource Information System (MARIS) and MDEQ.

Map Projection: Mississippi Transverse Mercator

The Mississippi Department of Environmental Quality makes no warranties, expressed or implied, as to the accuracy, completeness, currentness, reliability, or suitability for any particular purpose, of the data contained on this map.

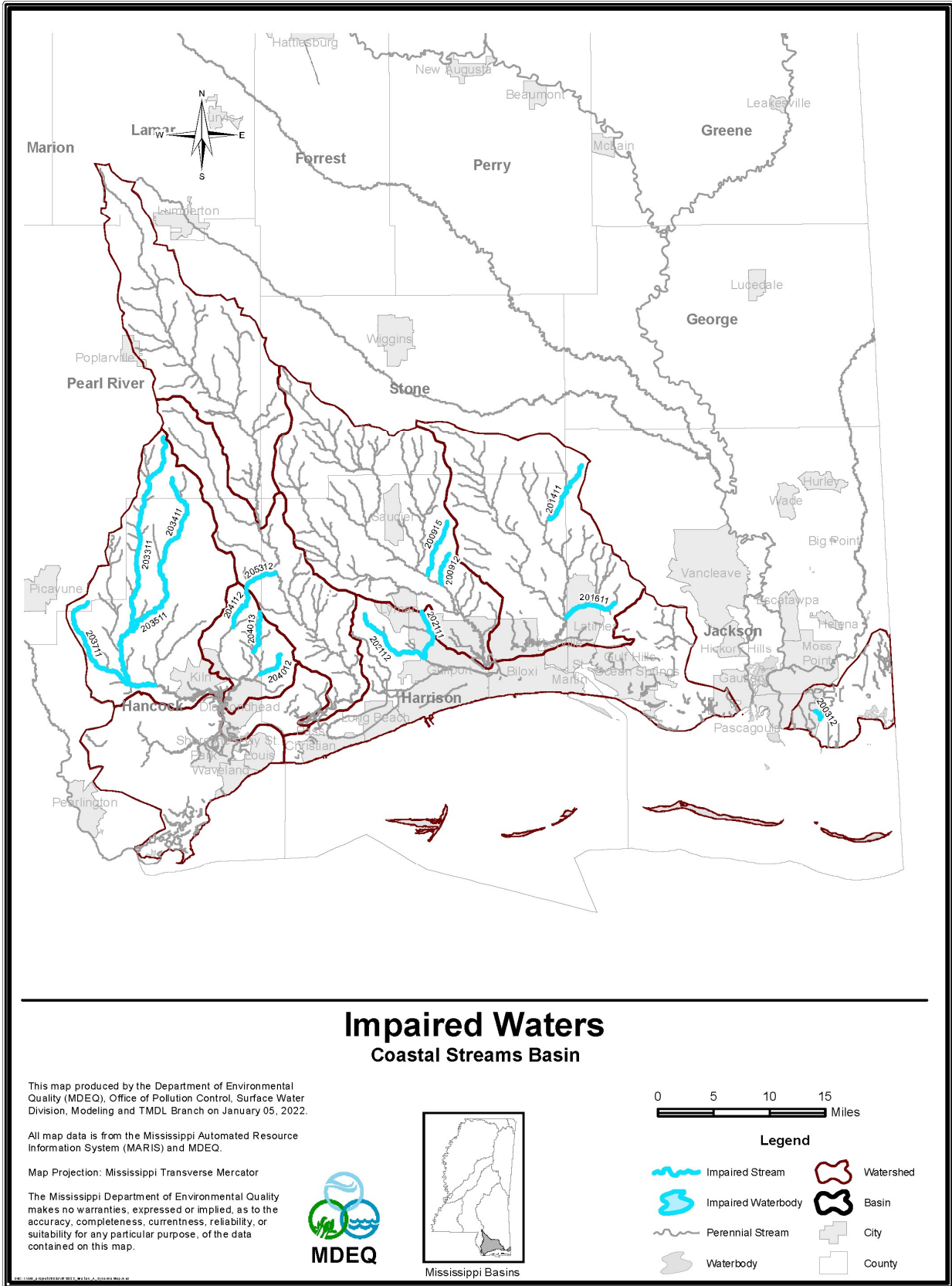


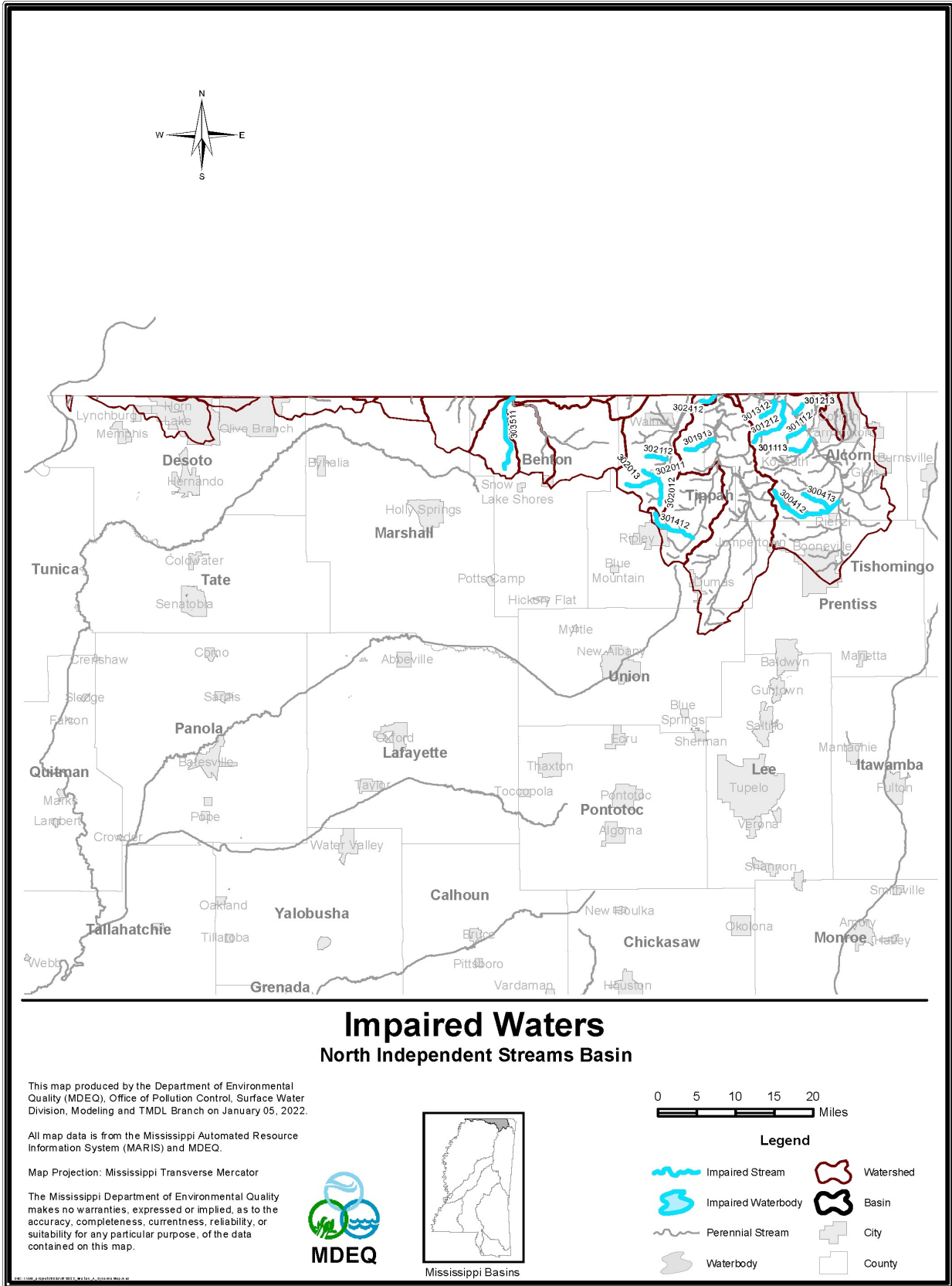
Mississippi Basins

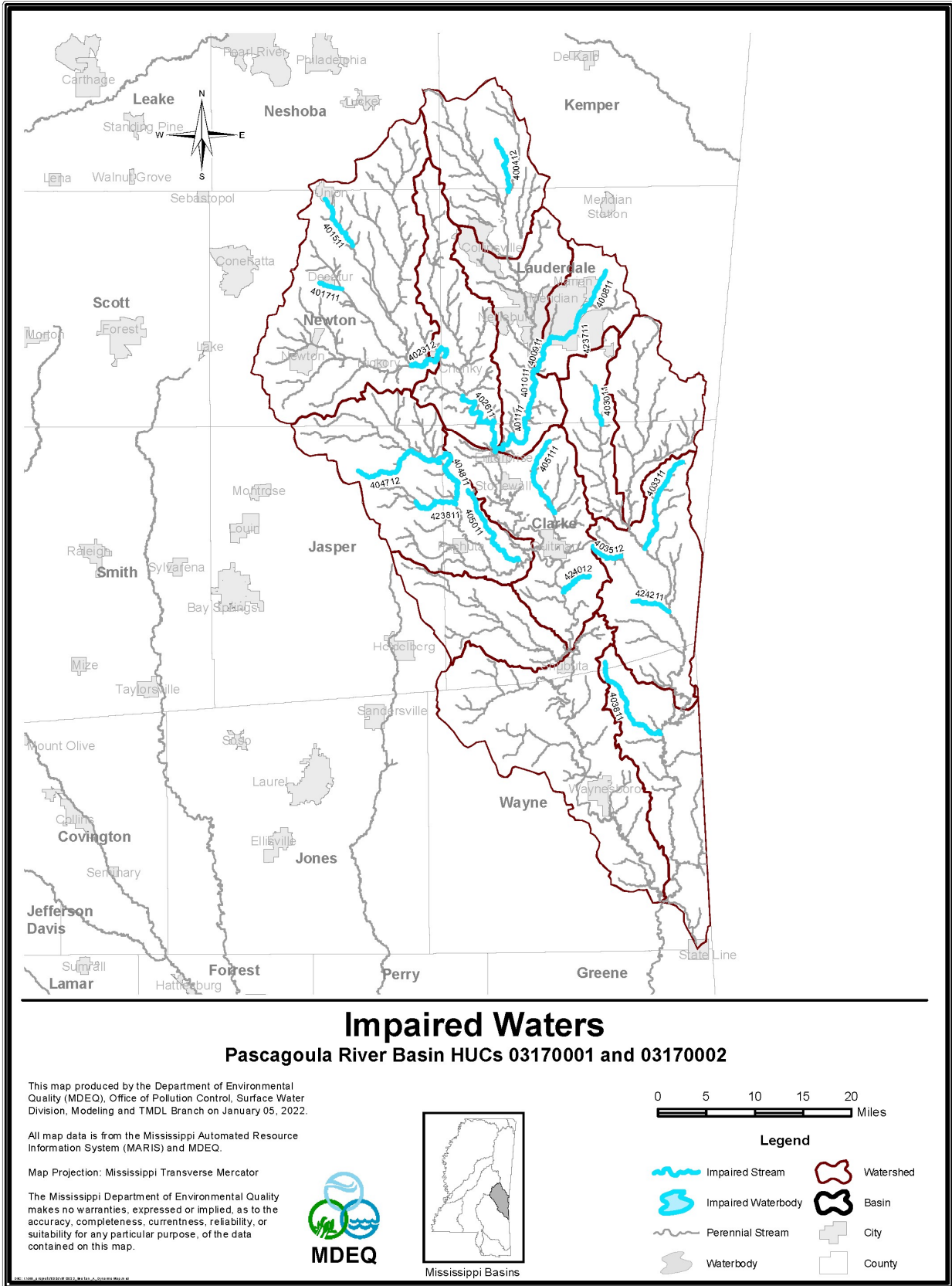
0 5 10 15 20
Miles

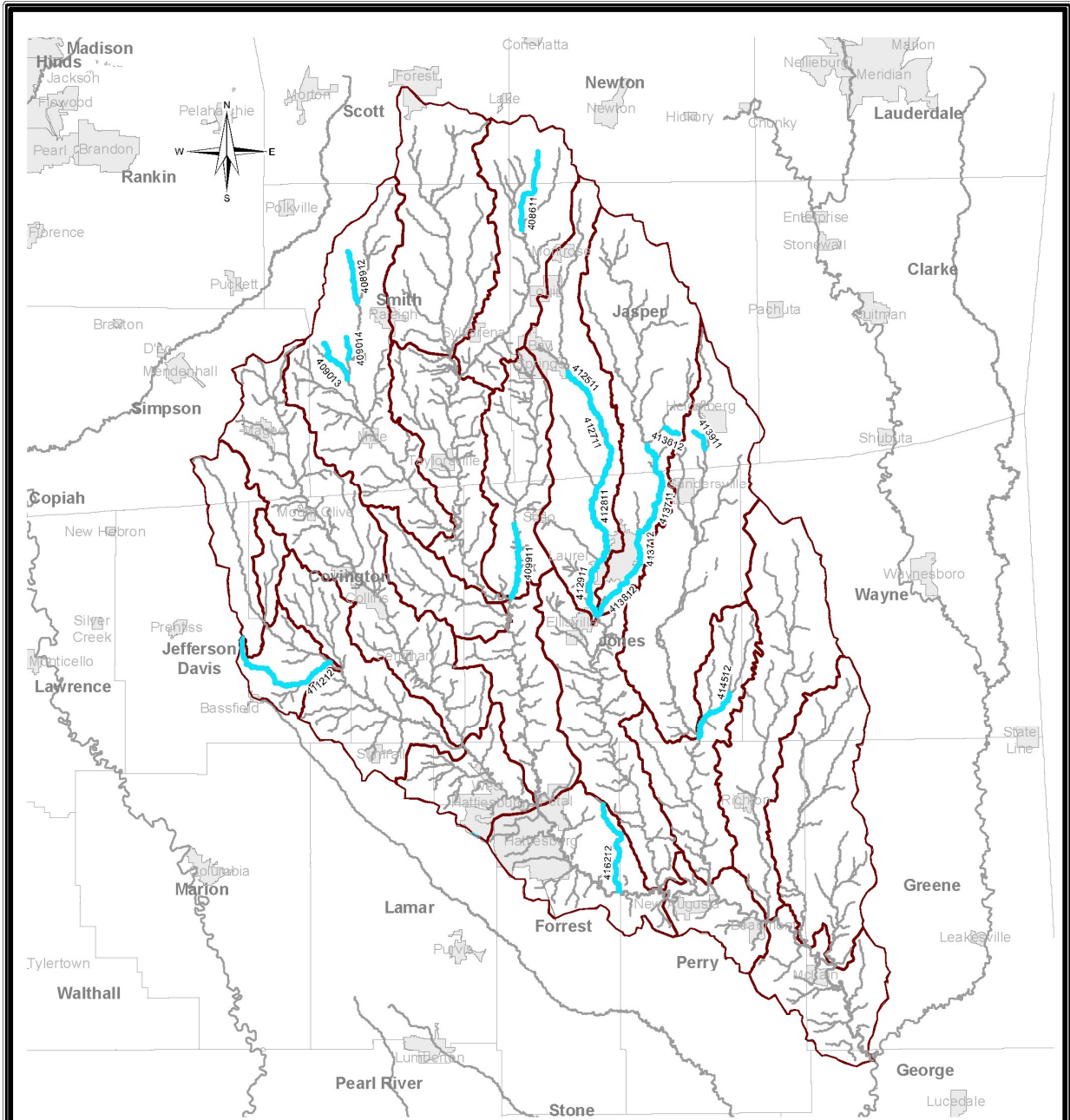
Legend

- Impaired Stream
- Impaired Waterbody
- Perennial Stream
- Waterbody
- Watershed
- Basin
- City
- County









Impaired Waters

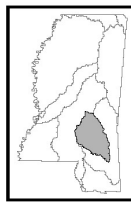
Pascagoula River Basin HUCs 03170004 and 03170005

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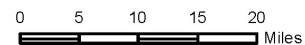
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Map Projection: Mississippi Transverse Mercator

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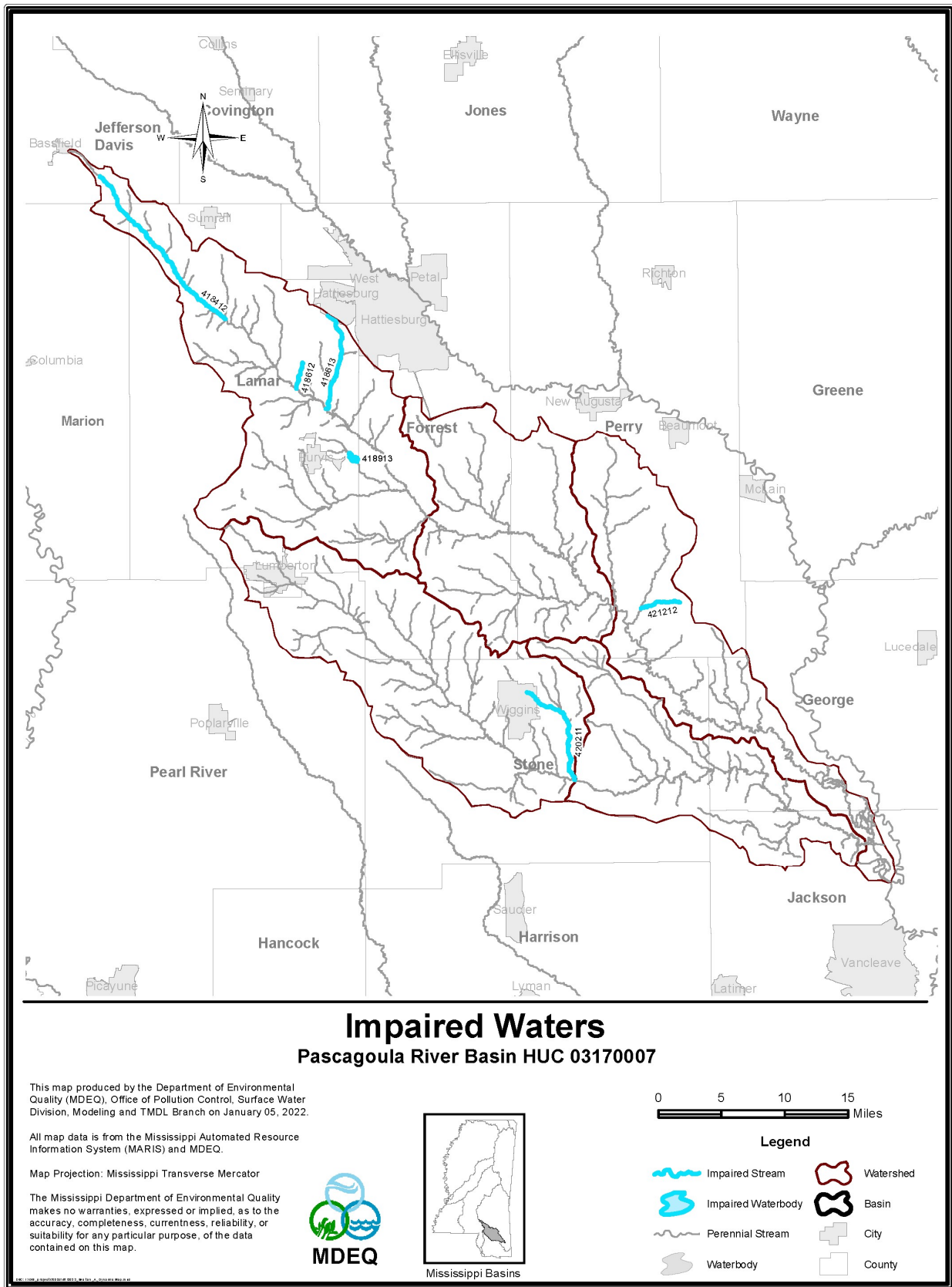


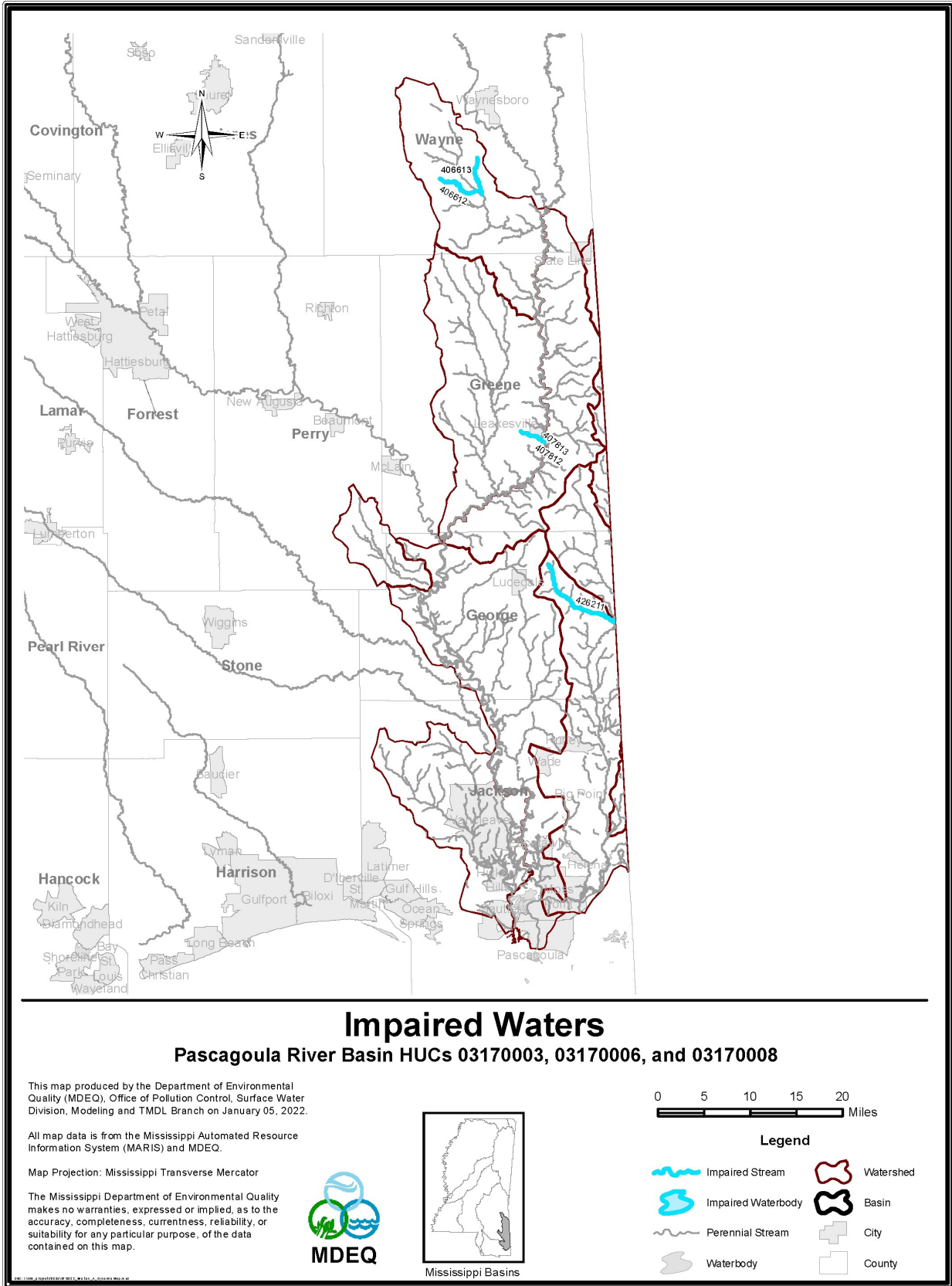
Mississippi Basins

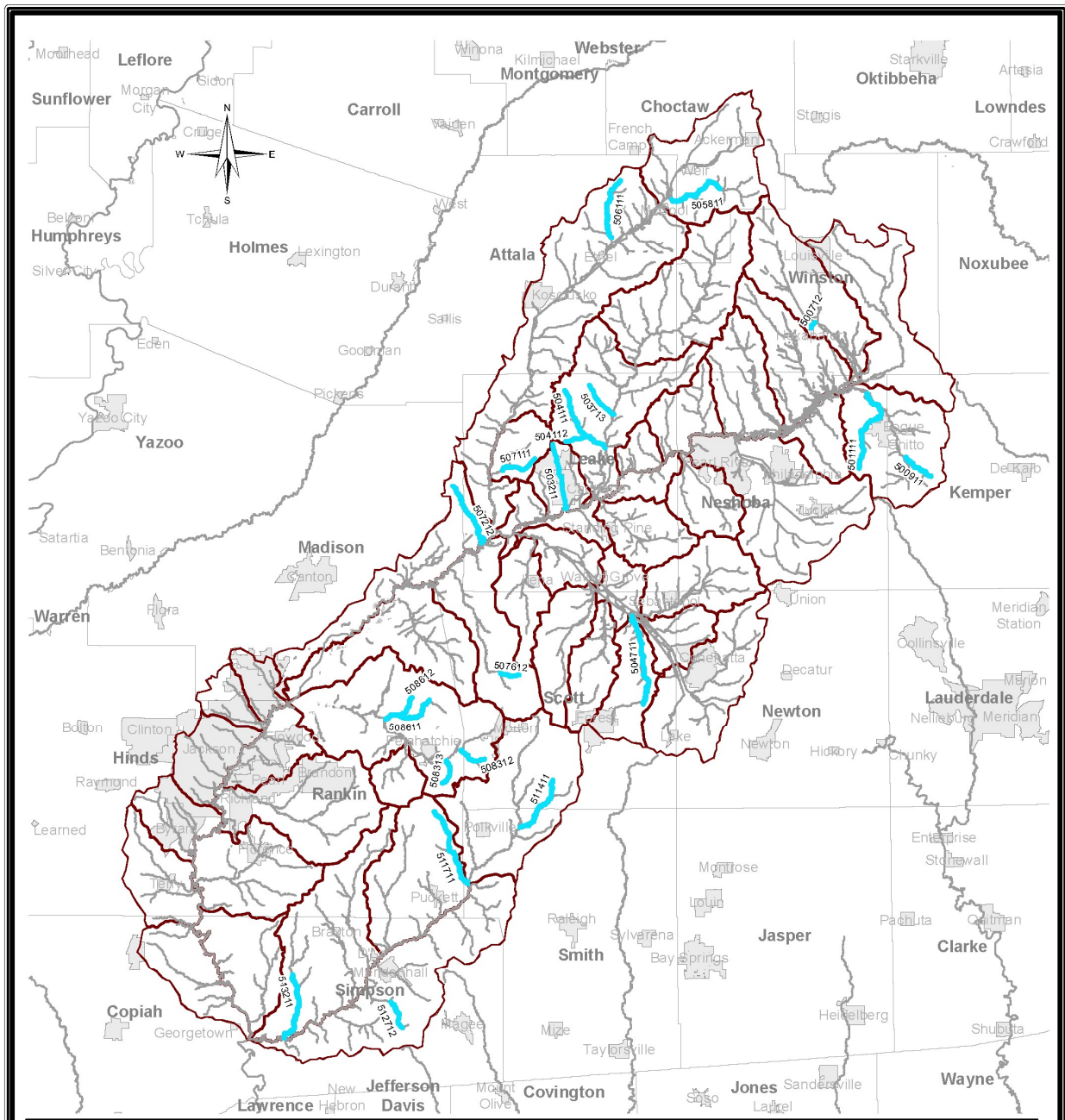


Legend

- Impaired Stream
- Impaired Waterbody
- Perennial Stream
- Waterbody
- Watershed
- Basin
- City
- County







Impaired Waters

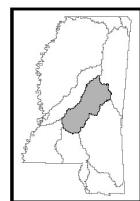
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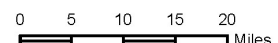
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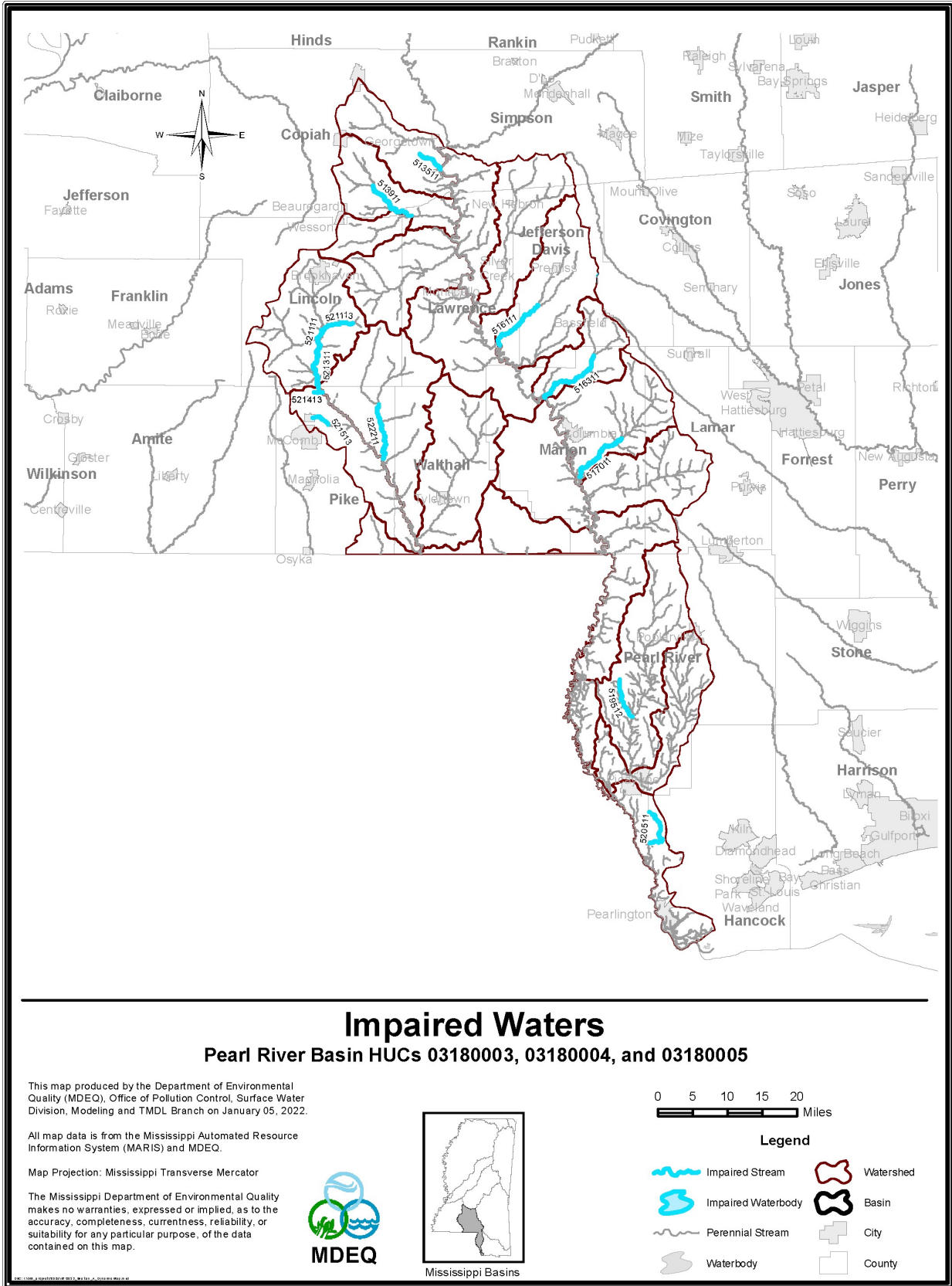


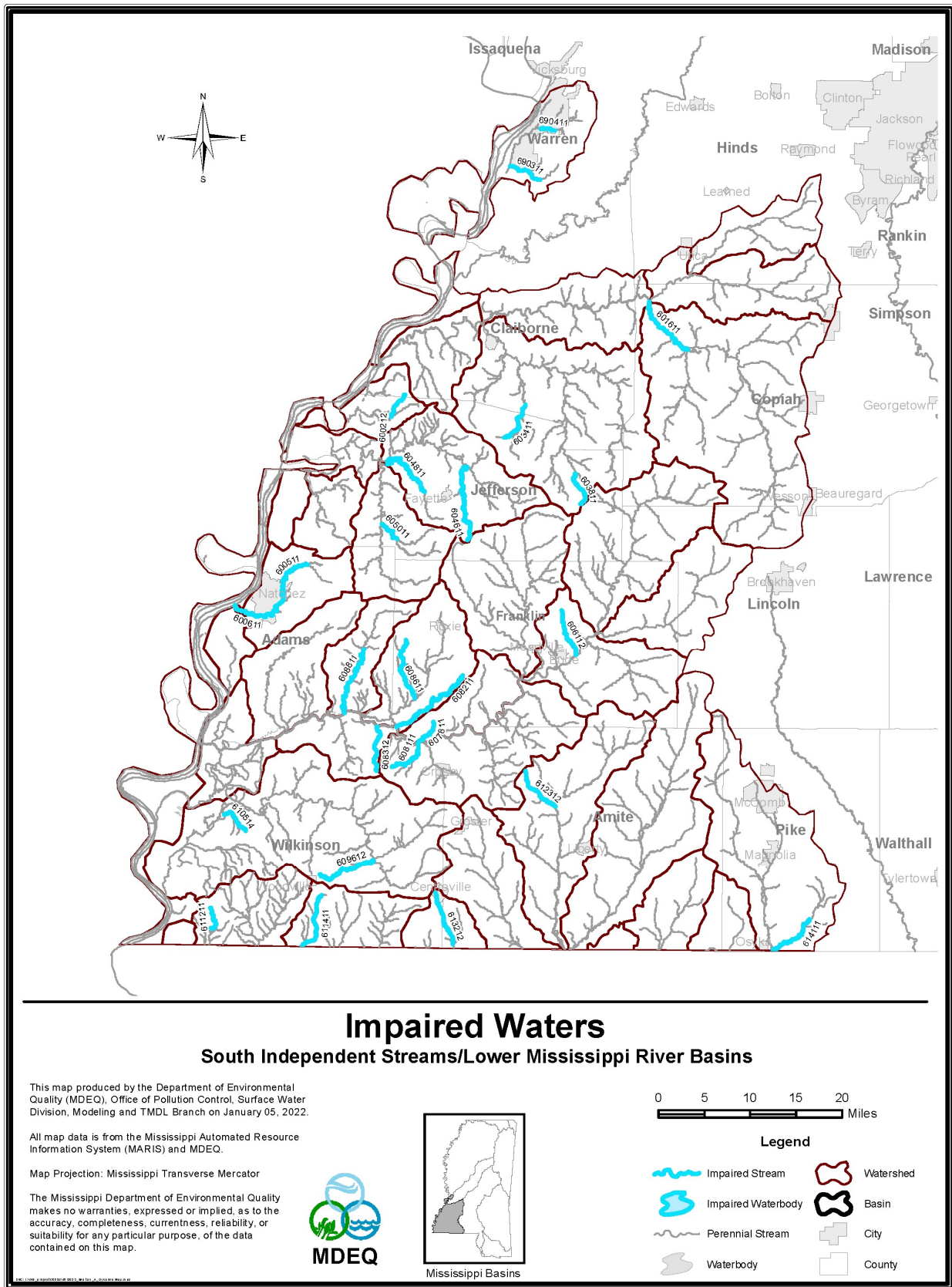
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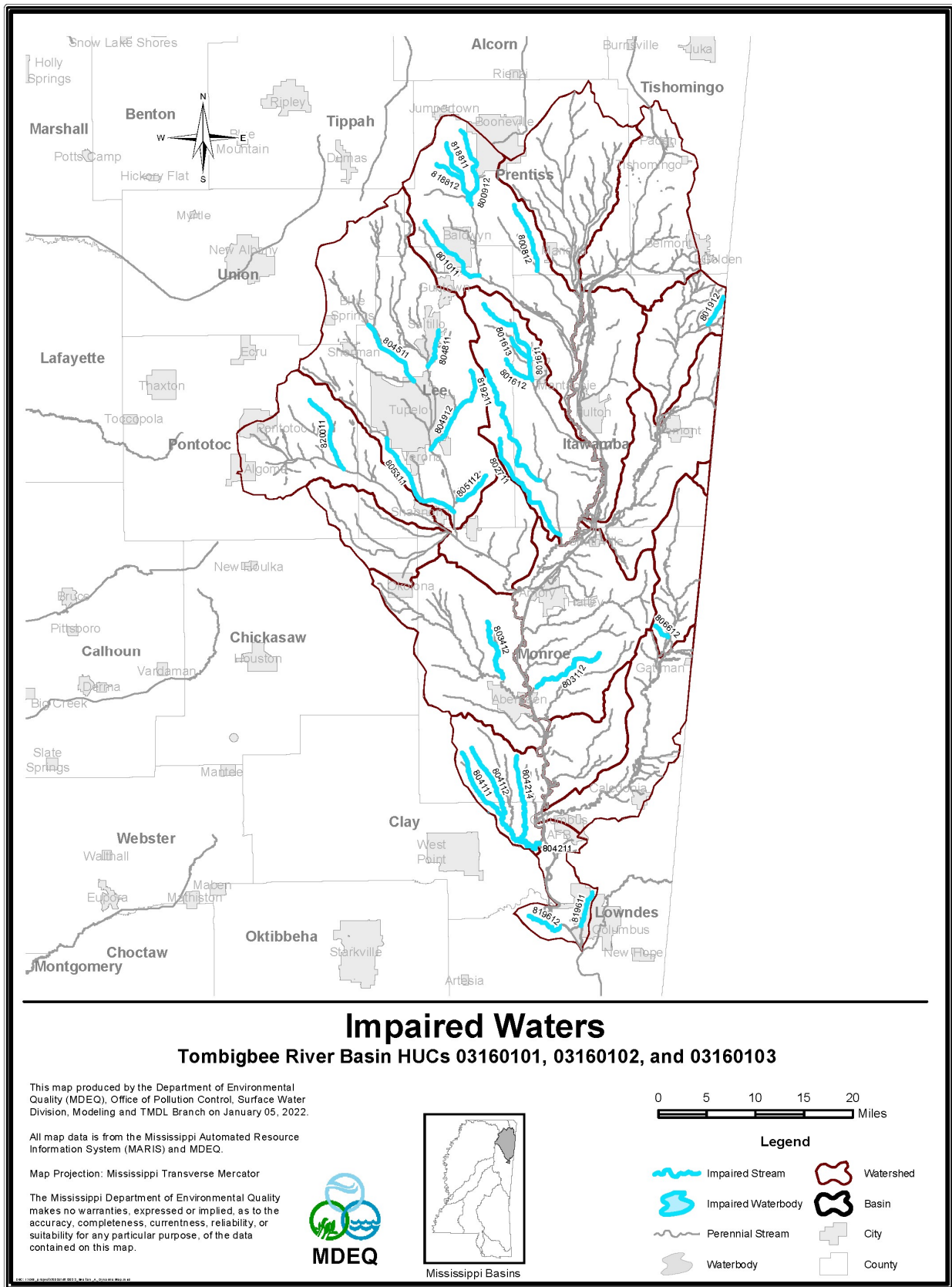


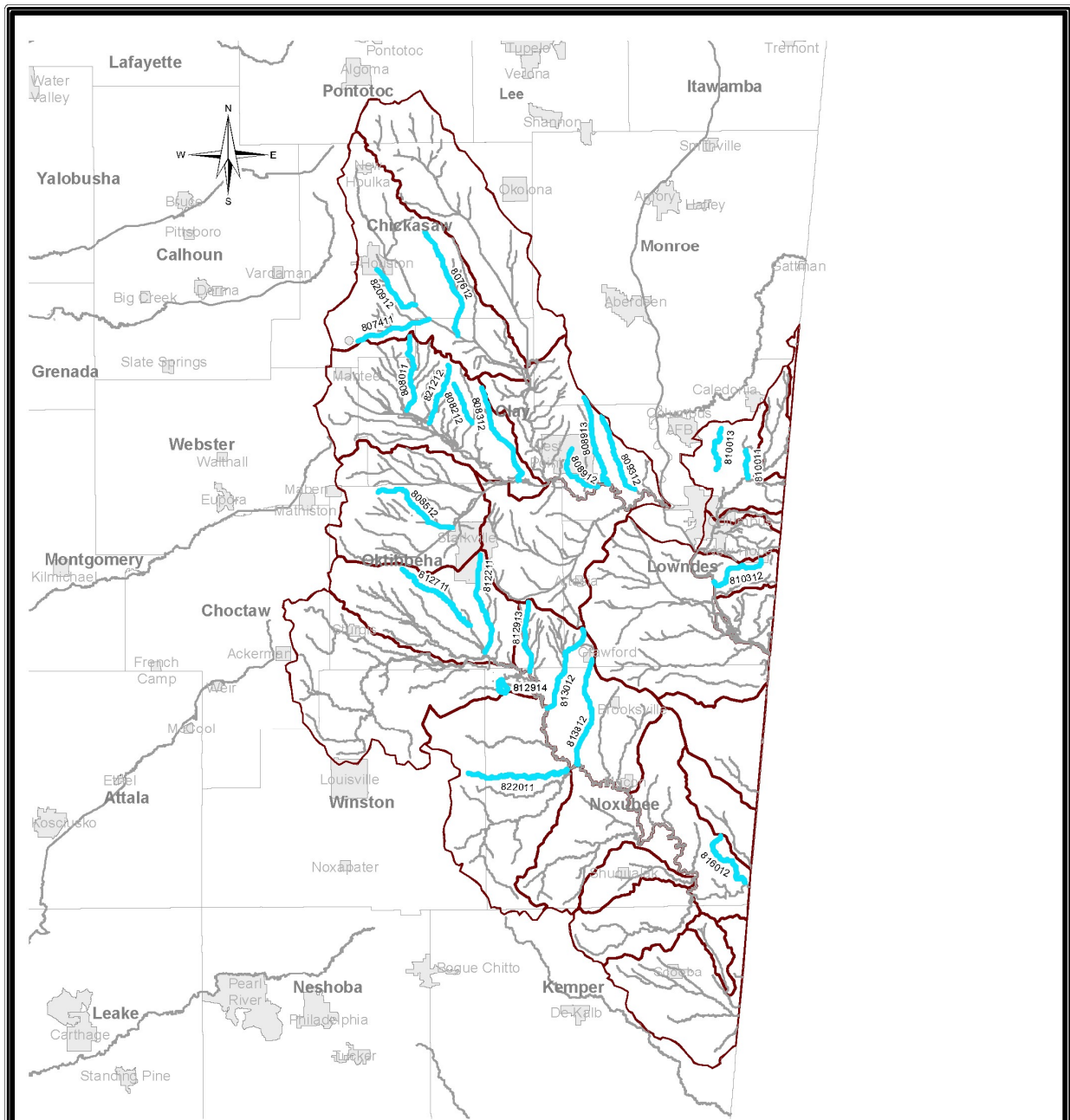
Legend

- Impaired Stream
- Impaired Waterbody
- Perennial Stream
- Waterbody
- Watershed
- Basin
- City
- County









Impaired Waters

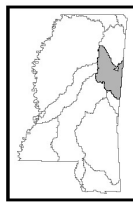
Tombigbee River Basin HUCs 03160104, 03160105, 03160106, and 03160108

This map produced by the Department of Environmental Quality (MDEQ), Office of Pollution Control, Surface Water Division, Modeling and TMDL Branch on January 05, 2022.

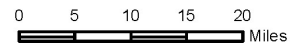
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Map Projection: Mississippi Transverse Mercator

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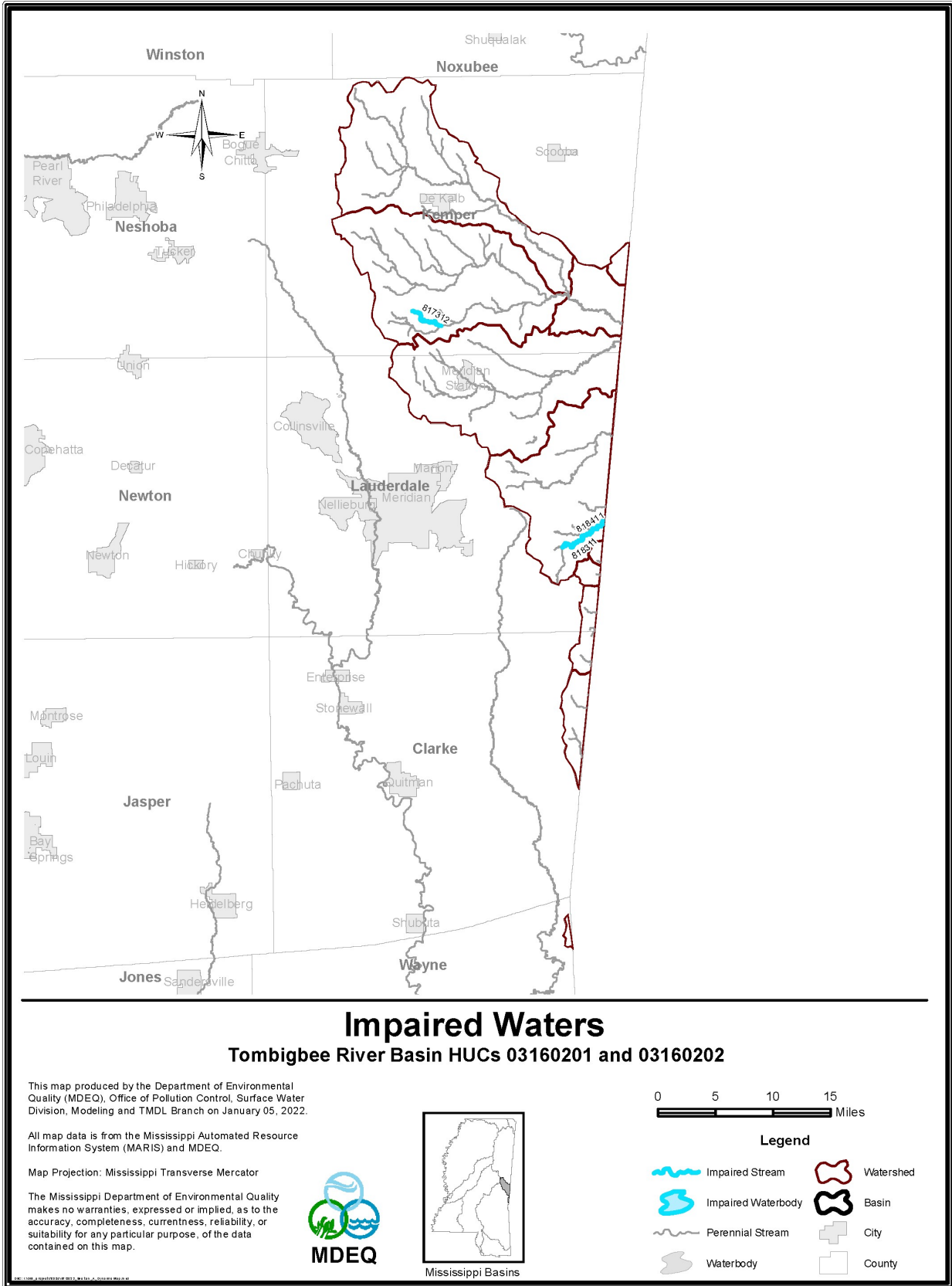


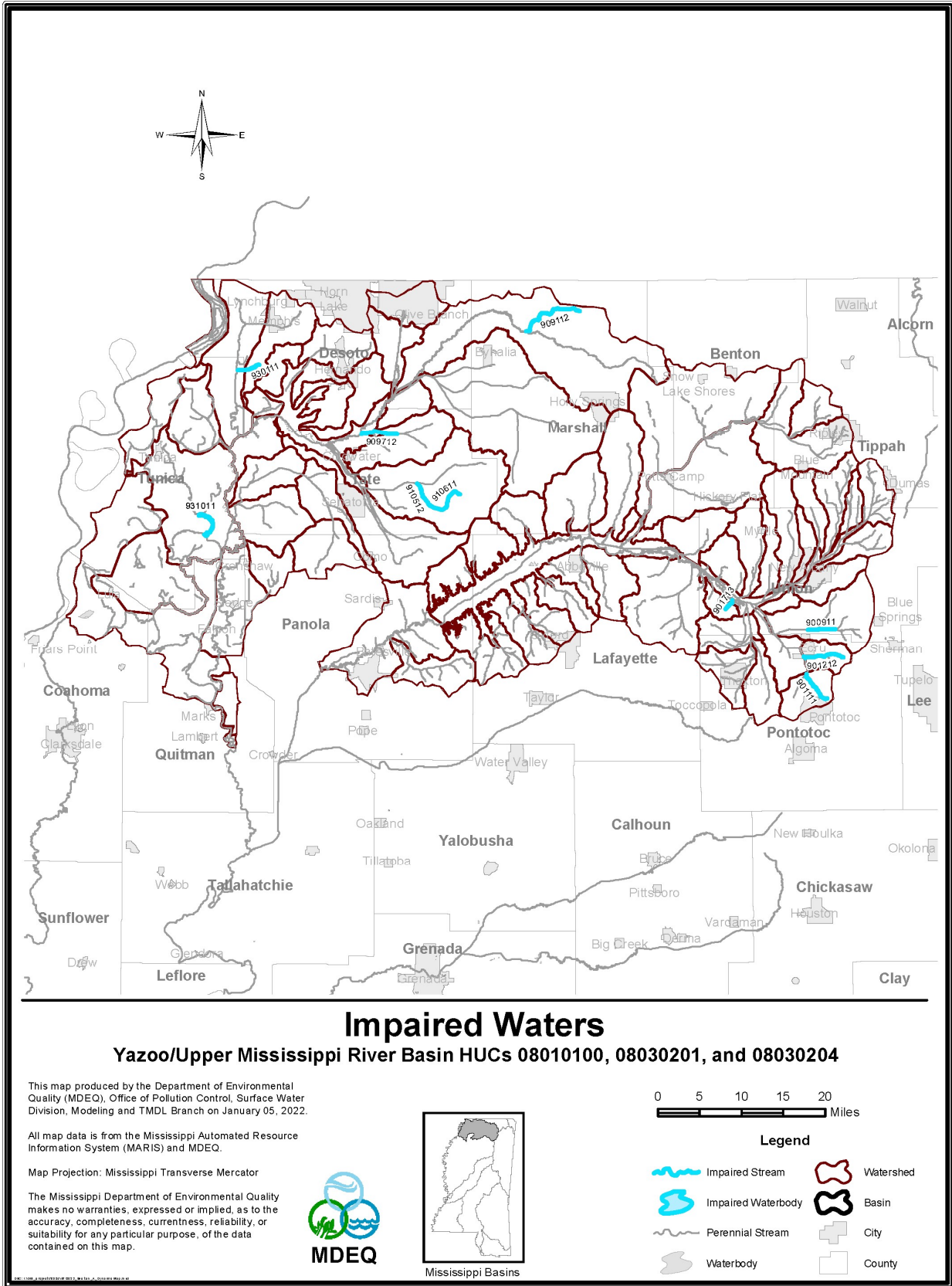
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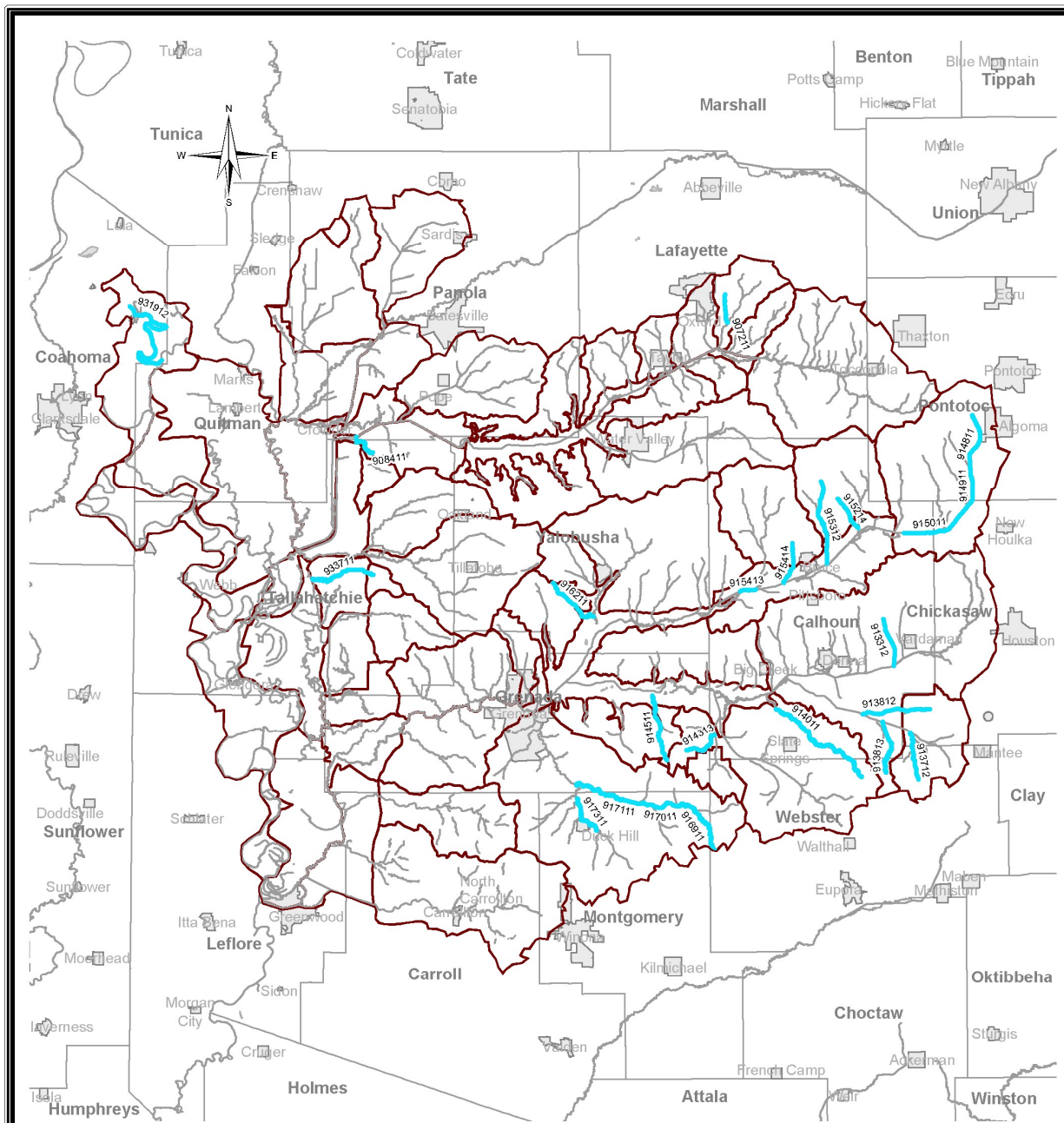


Legend

- Impaired Stream
- Impaired Waterbody
- Perennial Stream
- Waterbody
- Watershed
- Basin
- City
- County







Impaired Waters

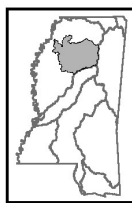
Yazoo River Basin HUCs 08030202, 08030203, and 08030205

This map produced by the Department of Environmental Quality (MDEQ), Office of Pollution Control, Surface Water Division, Modeling and TMDL Branch on February 02, 2022.

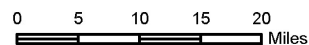
All map data is from the Mississippi Automated Resource Information System (MARIS) and MDEQ.

Map Projection: Mississippi Transverse Mercator

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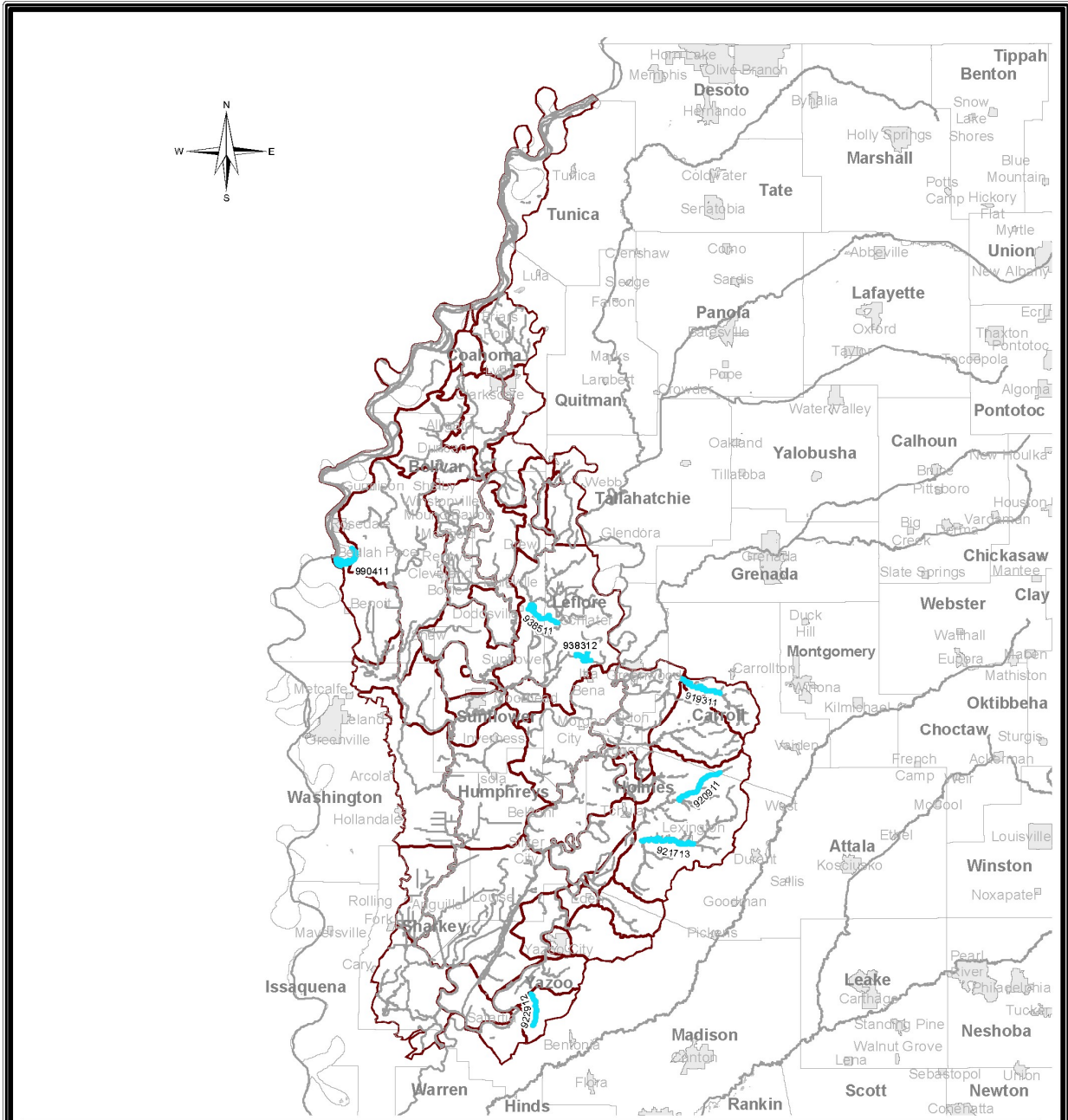


Mississippi Basins



Legend

- Impaired Stream
- Impaired Waterbody
- Perennial Stream
- Waterbody
- Watershed
- Basin
- City
- County



Impaired Waters

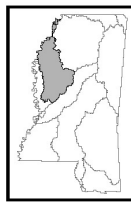
Yazoo/Upper Mississippi River Basin HUCs 08020100, 08030206, and 08030207

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Map Projection: Mississippi Transverse Mercator

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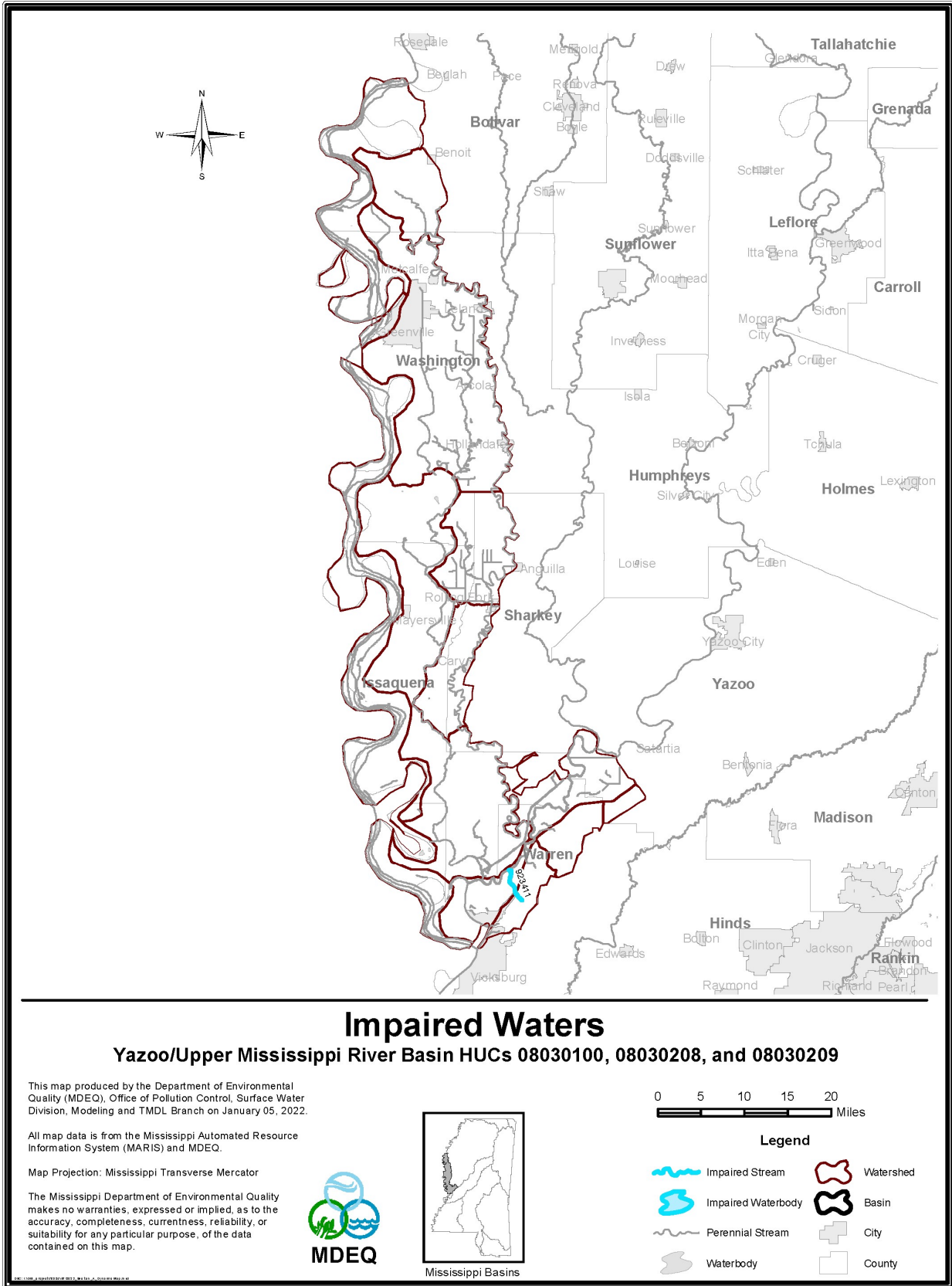


Mississippi Basins

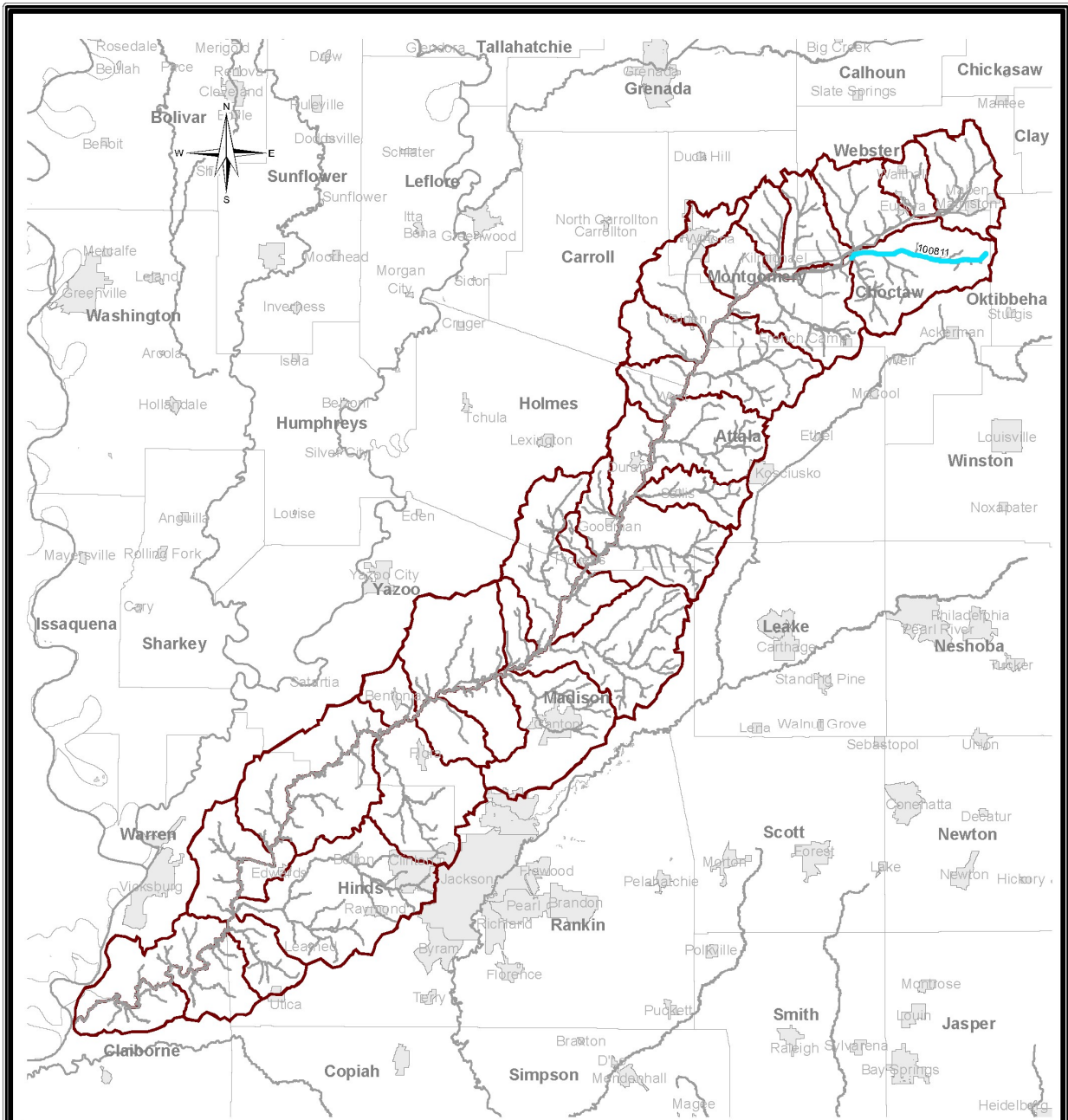
0 10 20 30 40 Miles

Legend

- Impaired Stream
- Impaired Waterbody
- Perennial Stream
- Waterbody
- Watershed
- Basin
- City
- County



APPENDIX B. ATLAS OF TMDL SUCCESSES



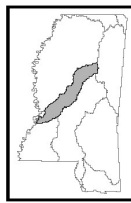
TMDL Successes Big Black River Basin

This map produced by the Department of Environmental Quality (MDEQ), Office of Pollution Control, Surface Water Division, Standards, Modeling, and TMDL Branch on January 05, 2022.

All map data is from the Mississippi Automated Resource Information System (MARIS) and MDEQ.

Map Projection: Mississippi Transverse Mercator

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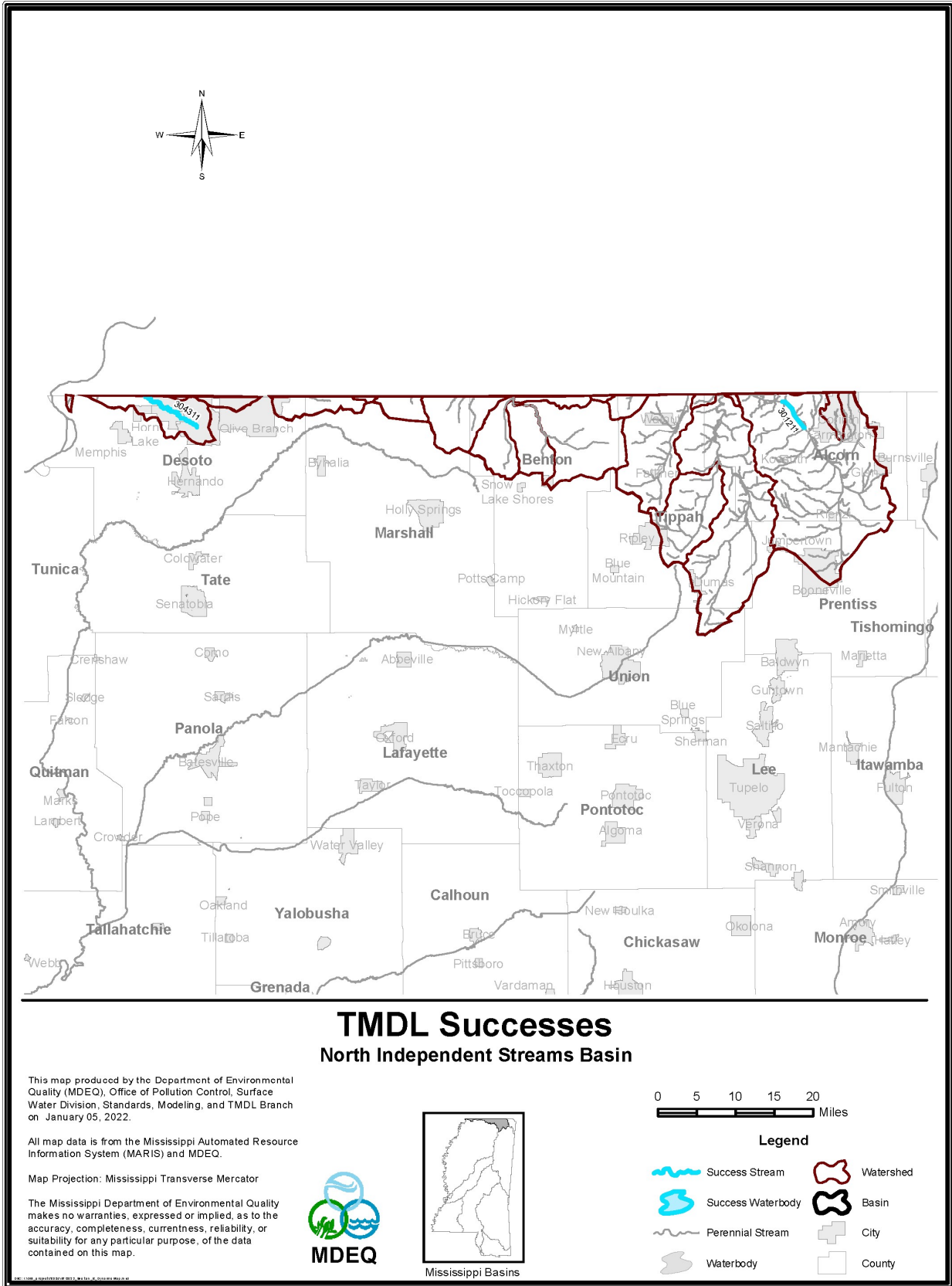


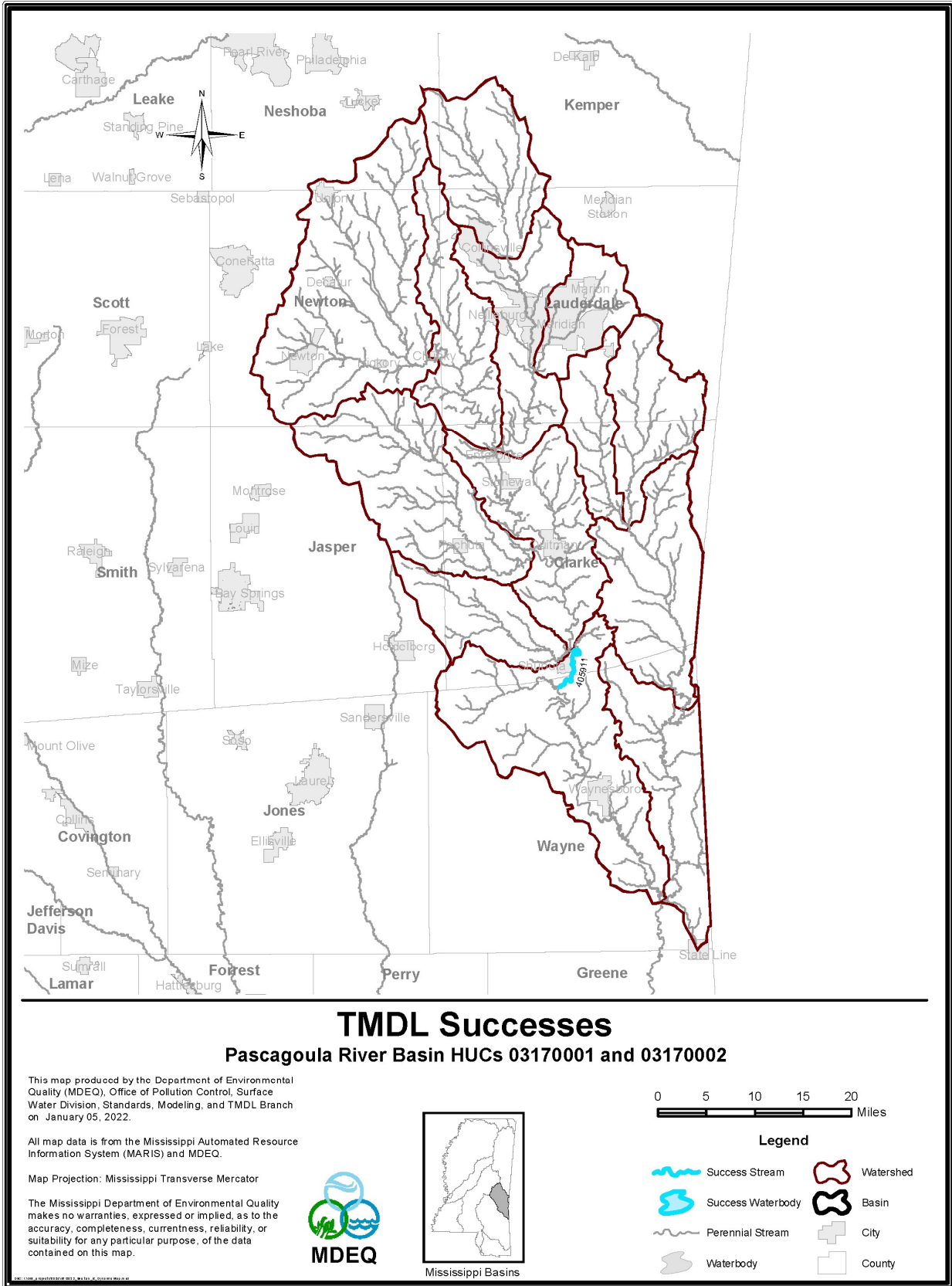
Mississippi Basins

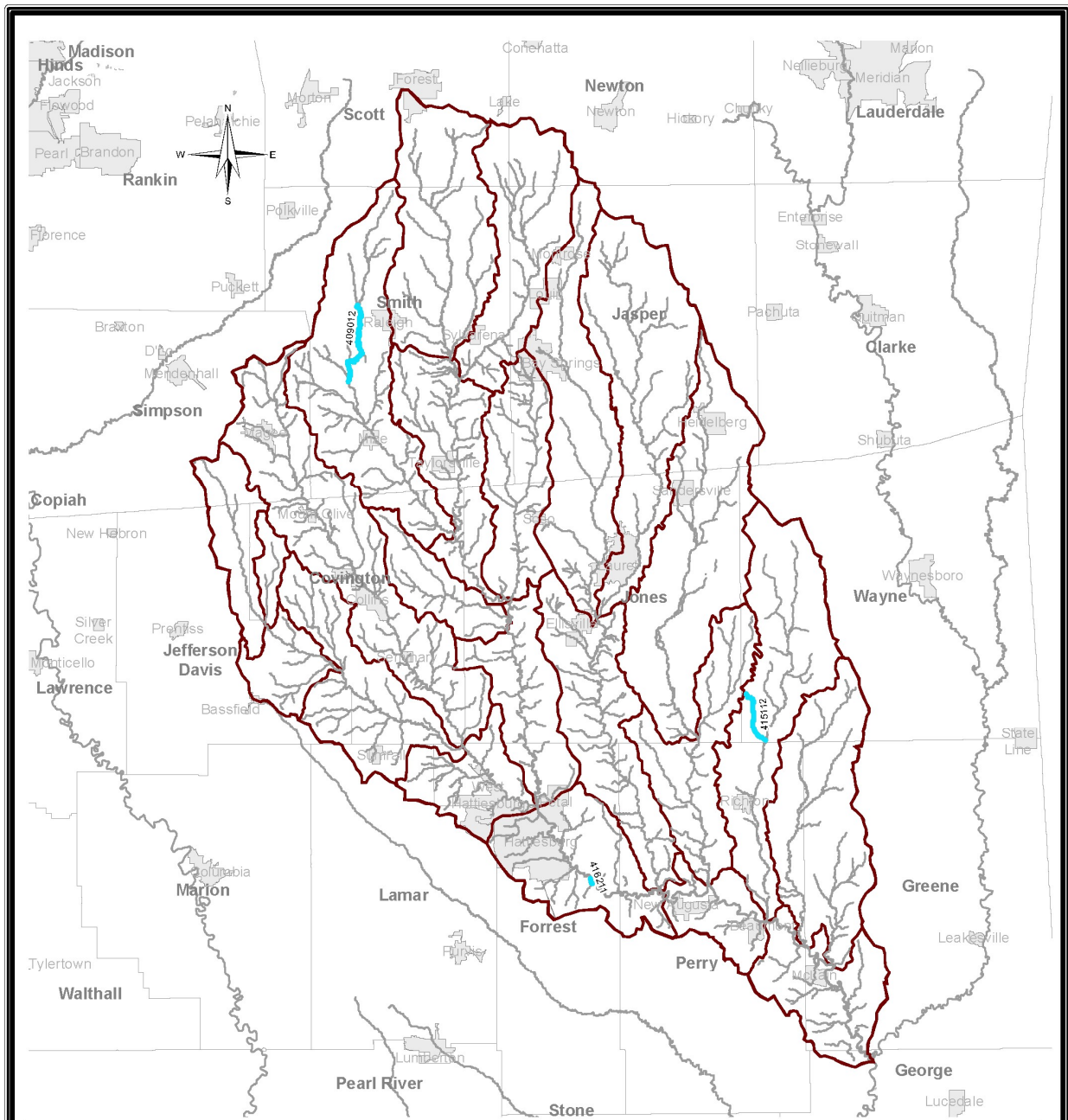
0 5 10 15 20
Miles

Legend

- Success Stream
- Success Waterbody
- Perennial Stream
- Waterbody
- Watershed
- Basin
- City
- County







TMDL Successes

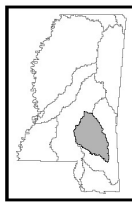
Pascagoula River Basin HUCs 03170004 and 03170005

This map produced by the Department of Environmental Quality (MDEQ), Office of Pollution Control, Surface Water Division, Standards, Modeling, and TMDL Branch on January 05, 2022.

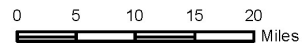
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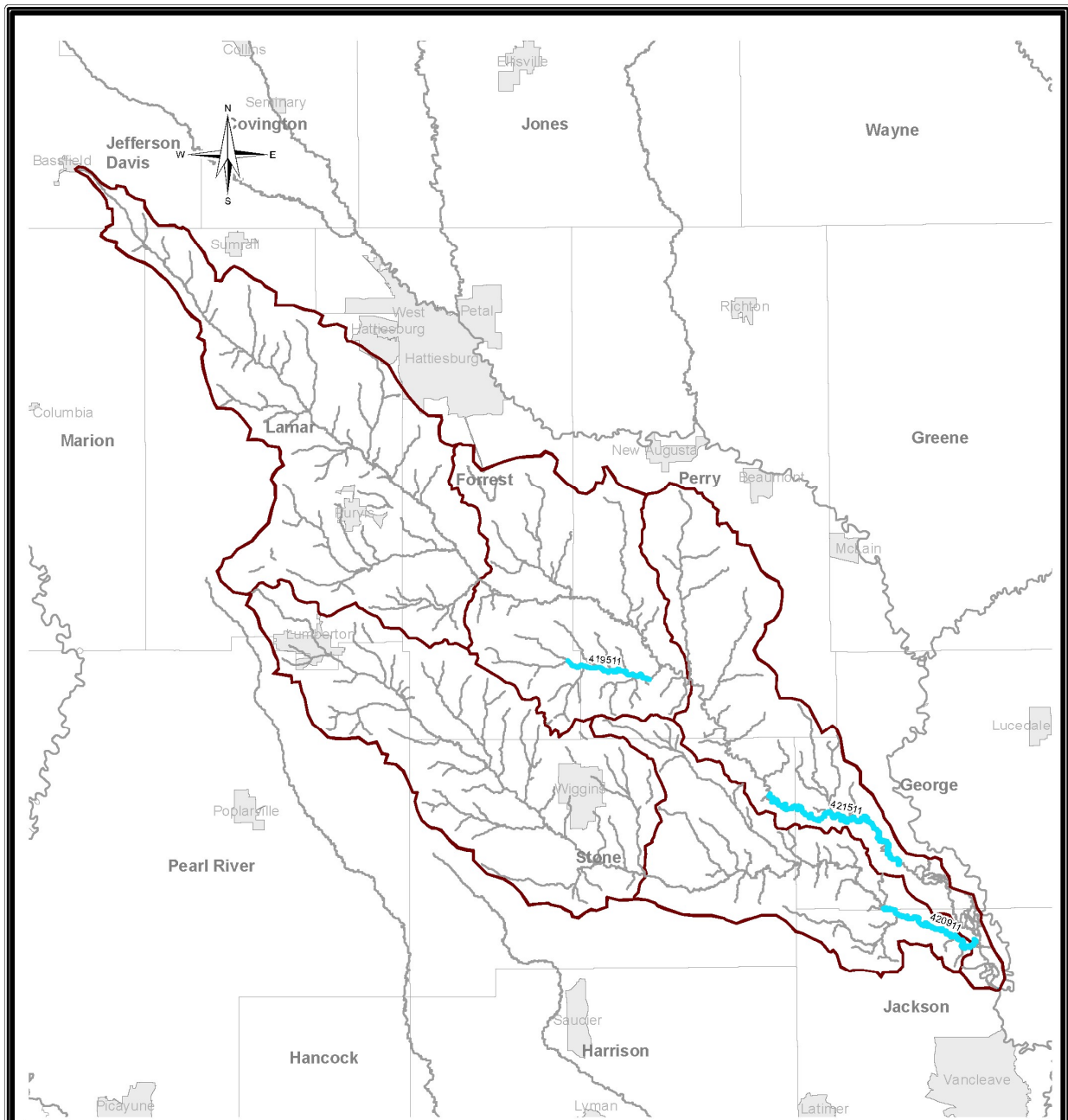


Mississippi Basins



Legend

- | | |
|-------------------|-----------|
| Success Stream | Watershed |
| Success Waterbody | Basin |
| Perennial Stream | City |
| Waterbody | County |



TMDL Successes

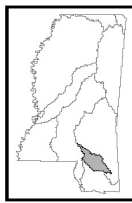
Pascagoula River Basin HUC 03170007

This map produced by the Department of Environmental Quality (MDEQ), Office of Pollution Control, Surface Water Division, Standards, Modeling, and TMDL Branch on January 05, 2022.

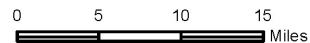
All map data is from the Mississippi Automated Resource Information System (MARIS) and MDEQ.

Map Projection: Mississippi Transverse Mercator

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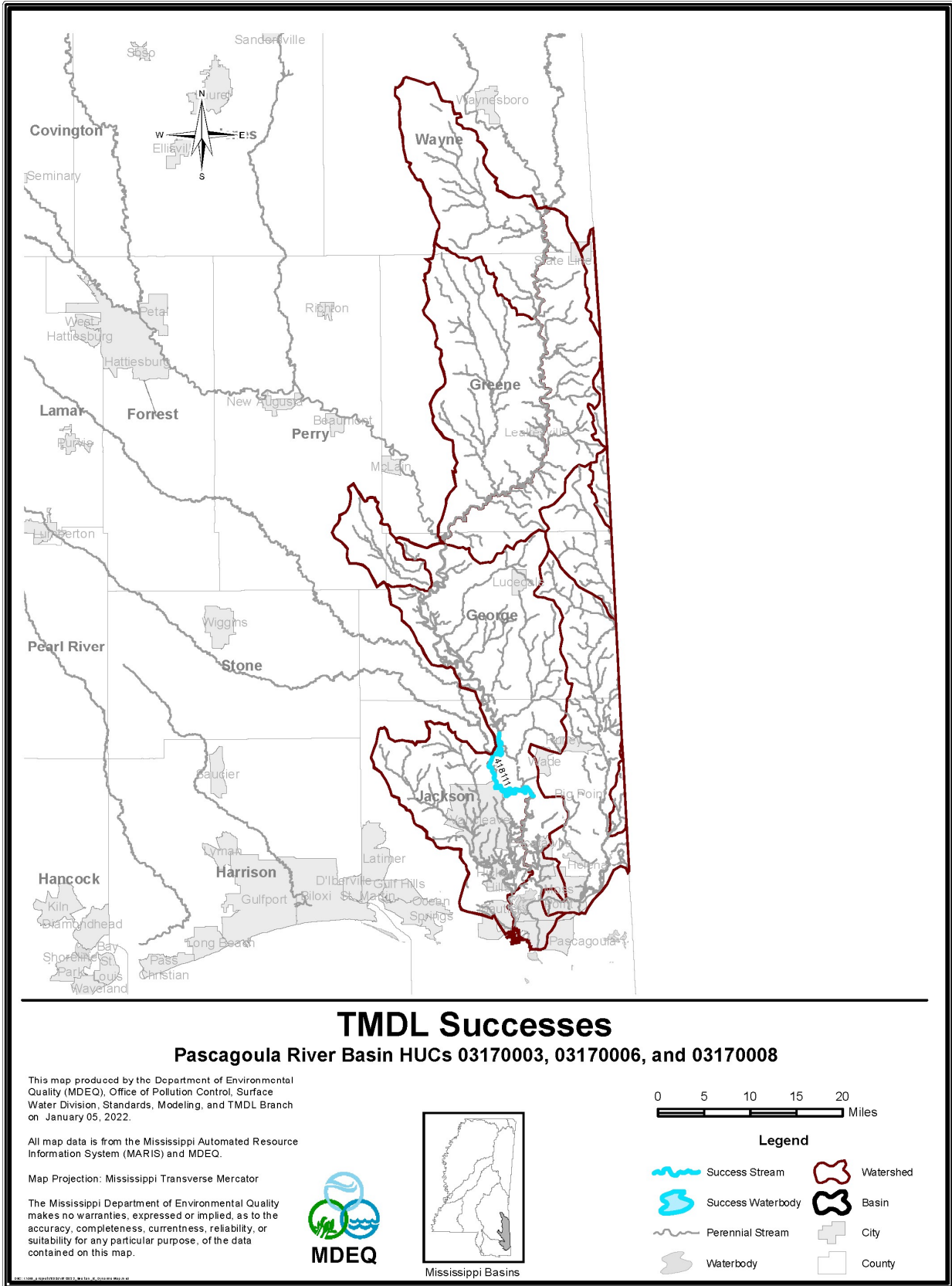


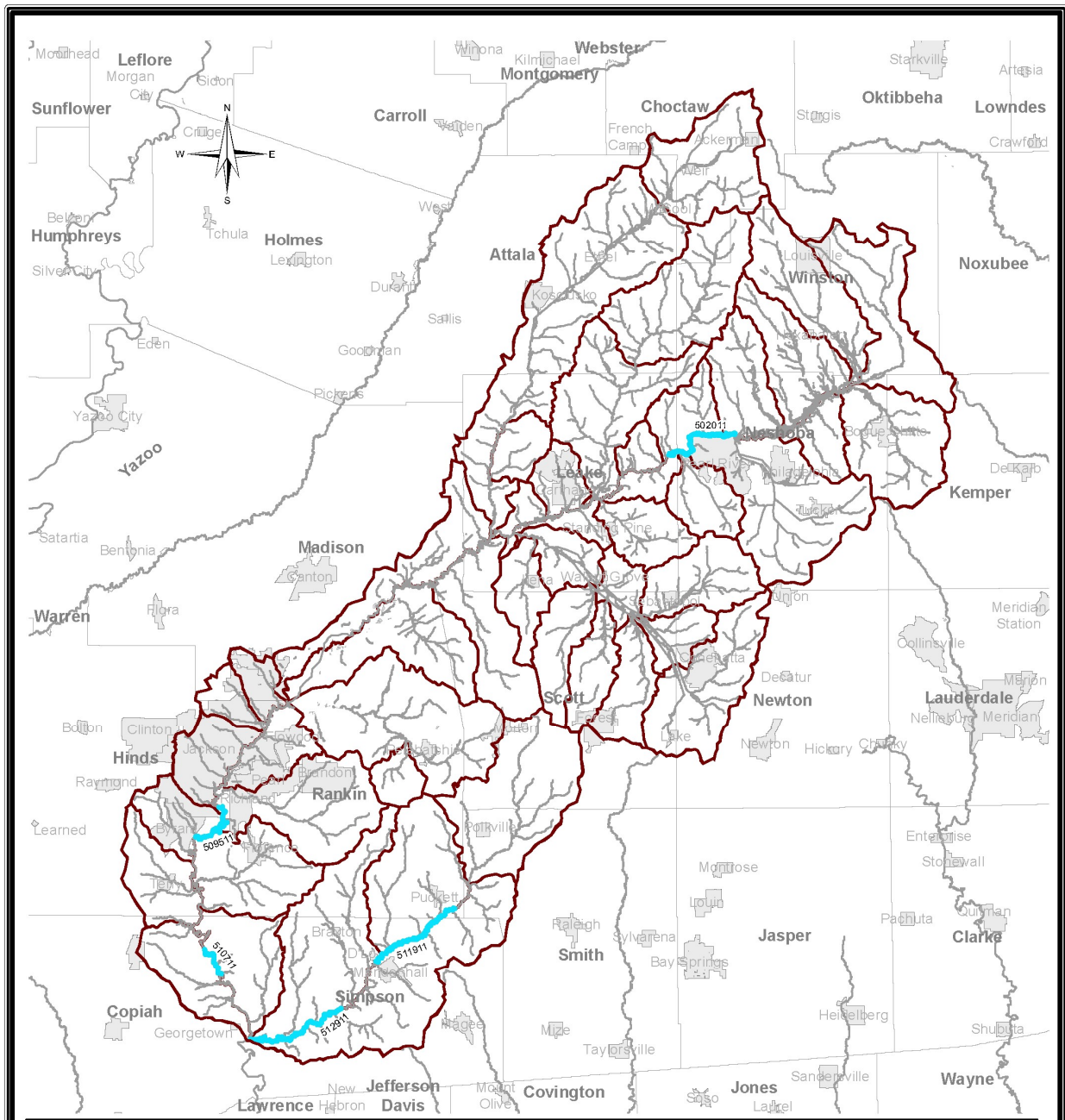
Mississippi Basins



Legend

- | | | | |
|--|-------------------|--|-----------|
| | Success Stream | | Watershed |
| | Success Waterbody | | Basin |
| | Perennial Stream | | City |
| | Waterbody | | County |





TMDL Successes

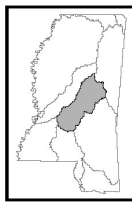
Pearl River Basin HUCs 03180001 and 03180002

This map produced by the Department of Environmental Quality (MDEQ), Office of Pollution Control, Surface Water Division, Standards, Modeling, and TMDL Branch on January 05, 2022.

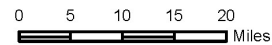
All map data is from the Mississippi Automated Resource Information System (MARIS) and MDEQ.

Map Projection: Mississippi Transverse Mercator

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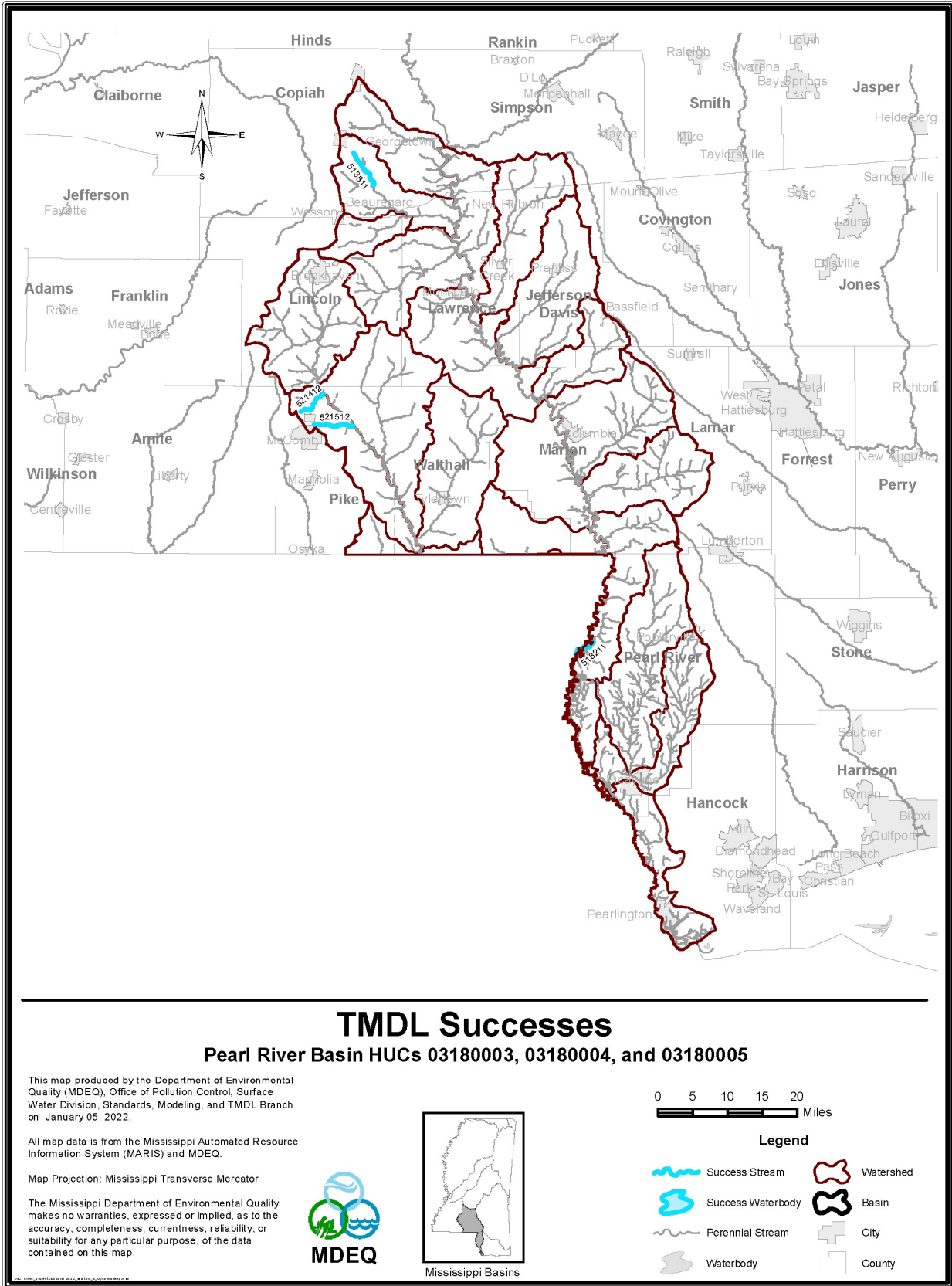


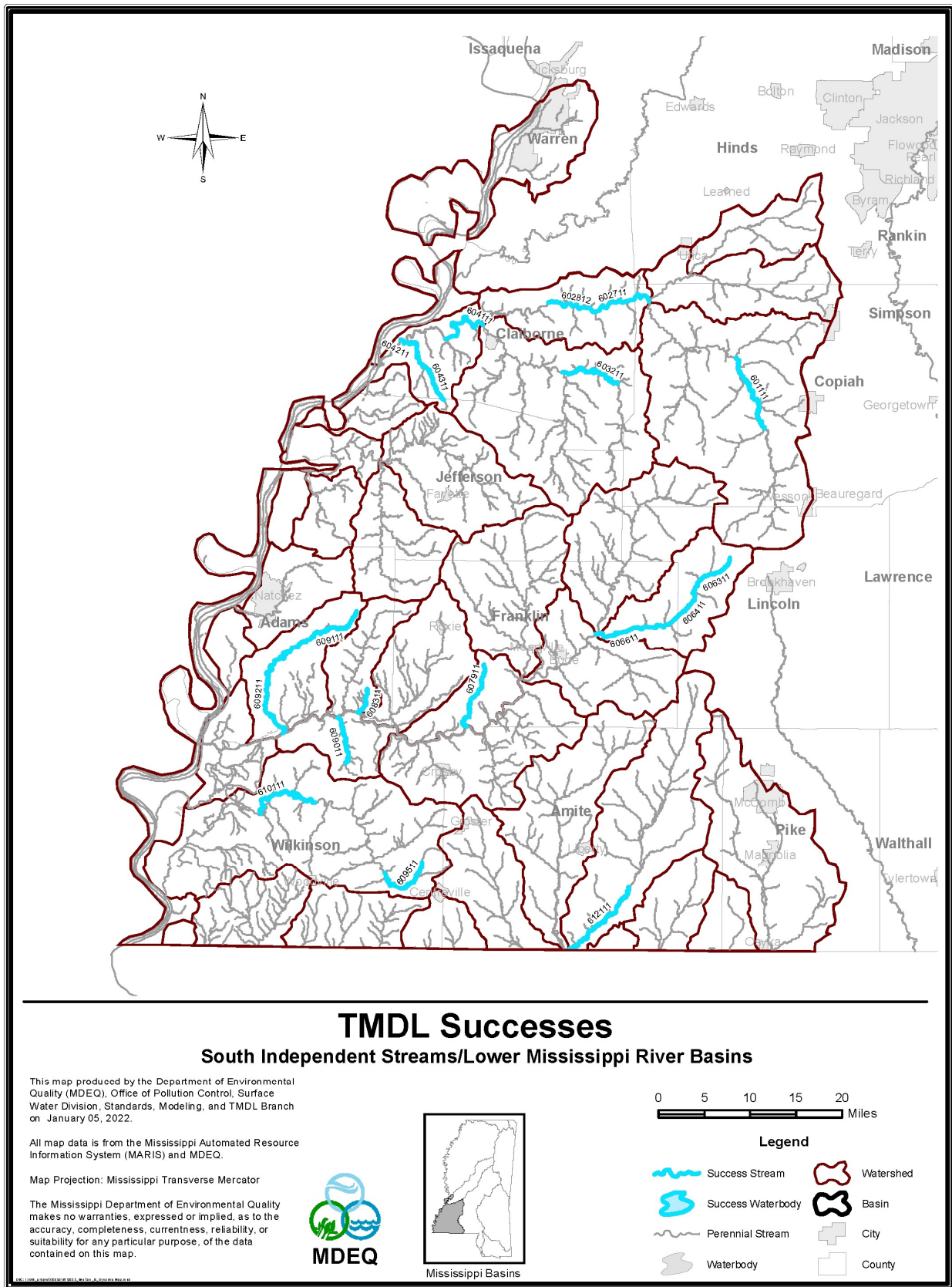
Mississippi Basins

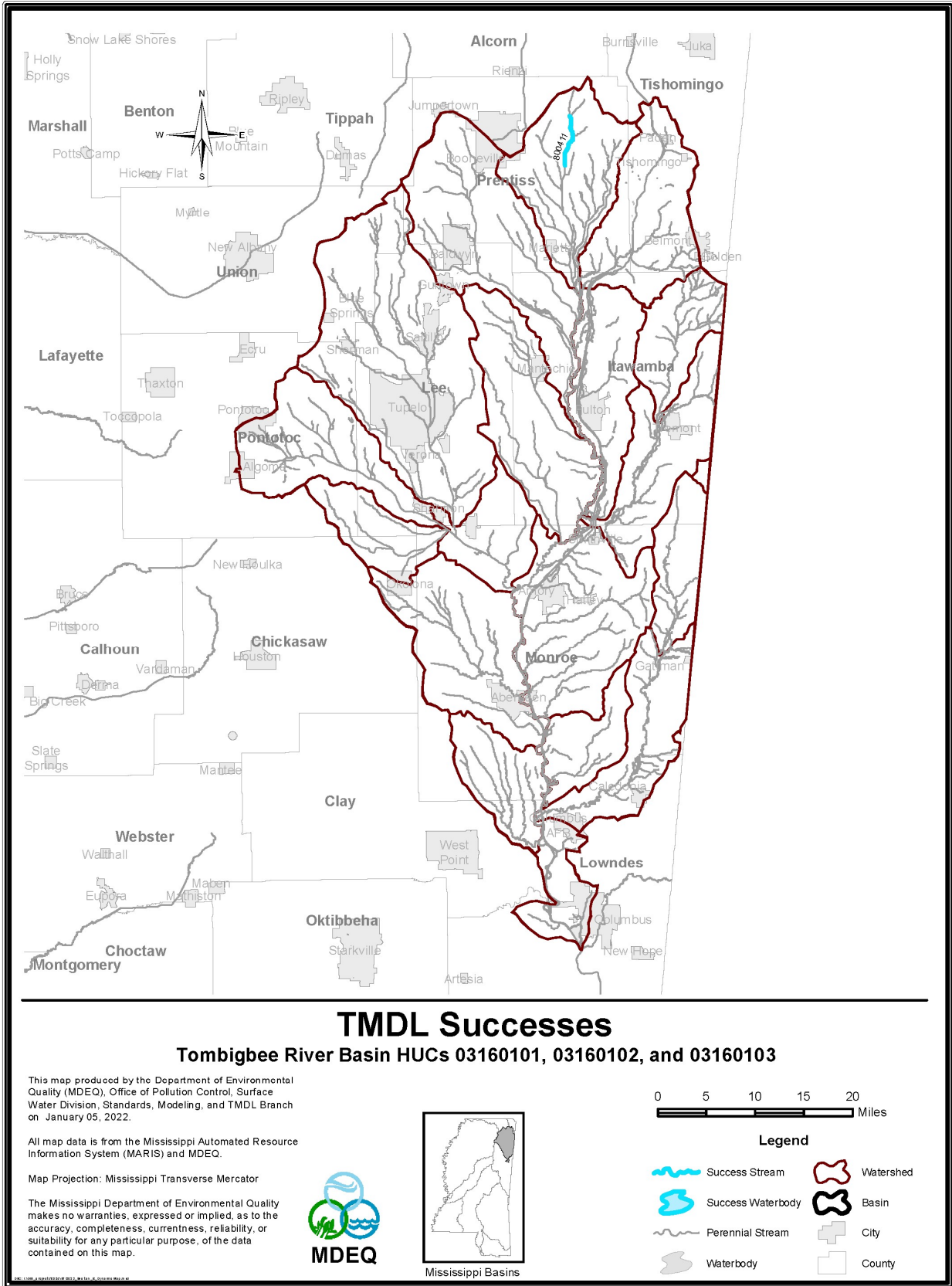


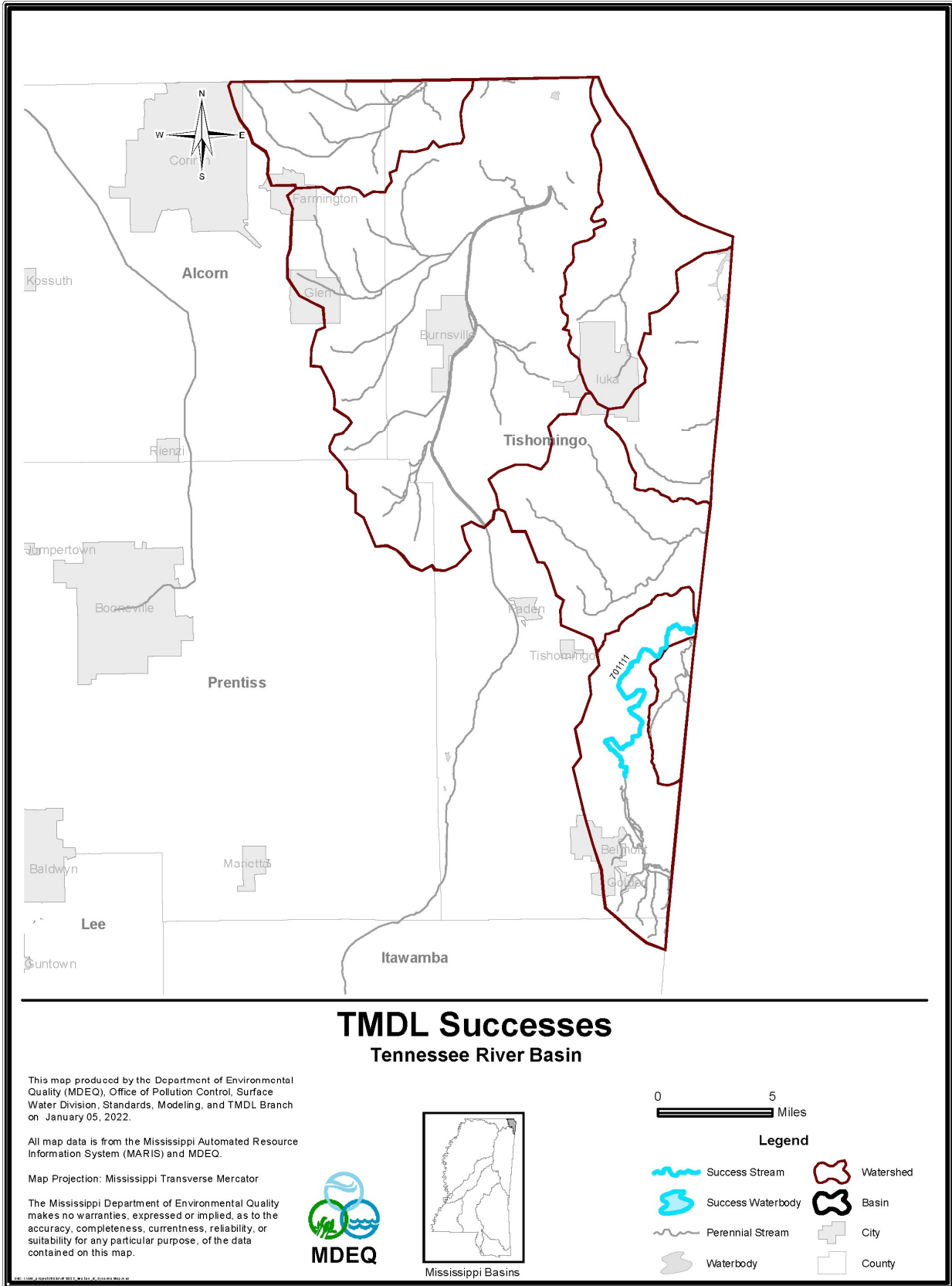
Legend

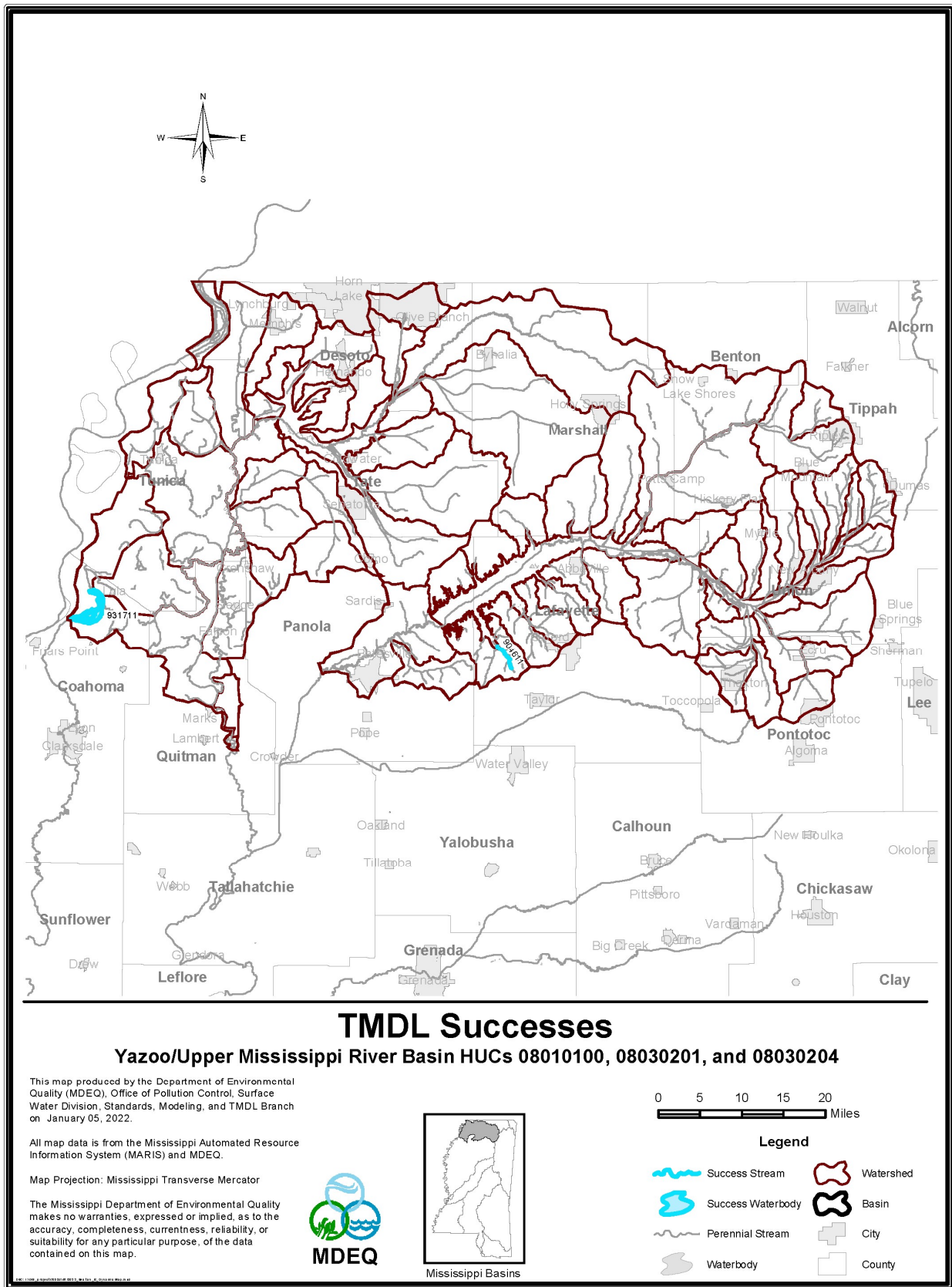
- Success Stream
- Success Waterbody
- Perennial Stream
- Waterbody
- Watershed
- Basin
- City
- County

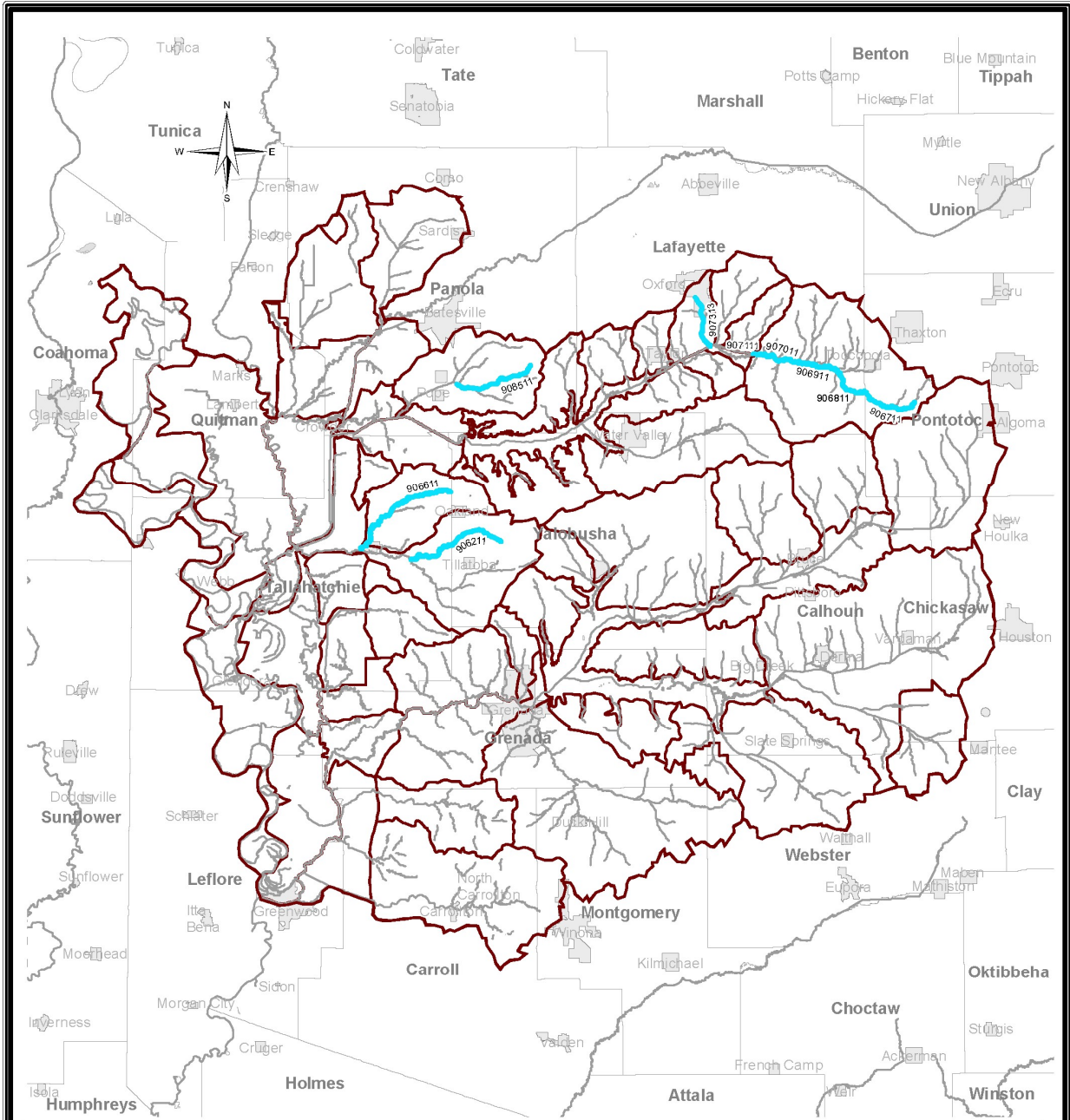












TMDL Successes

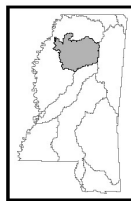
Yazoo River Basin HUCs 08030202, 08030203, and 08030205

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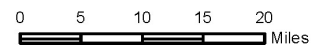
All map data is from the Mississippi Automated Resource Information System (MARIS) and MDEQ.

Map Projection: Mississippi Transverse Mercator

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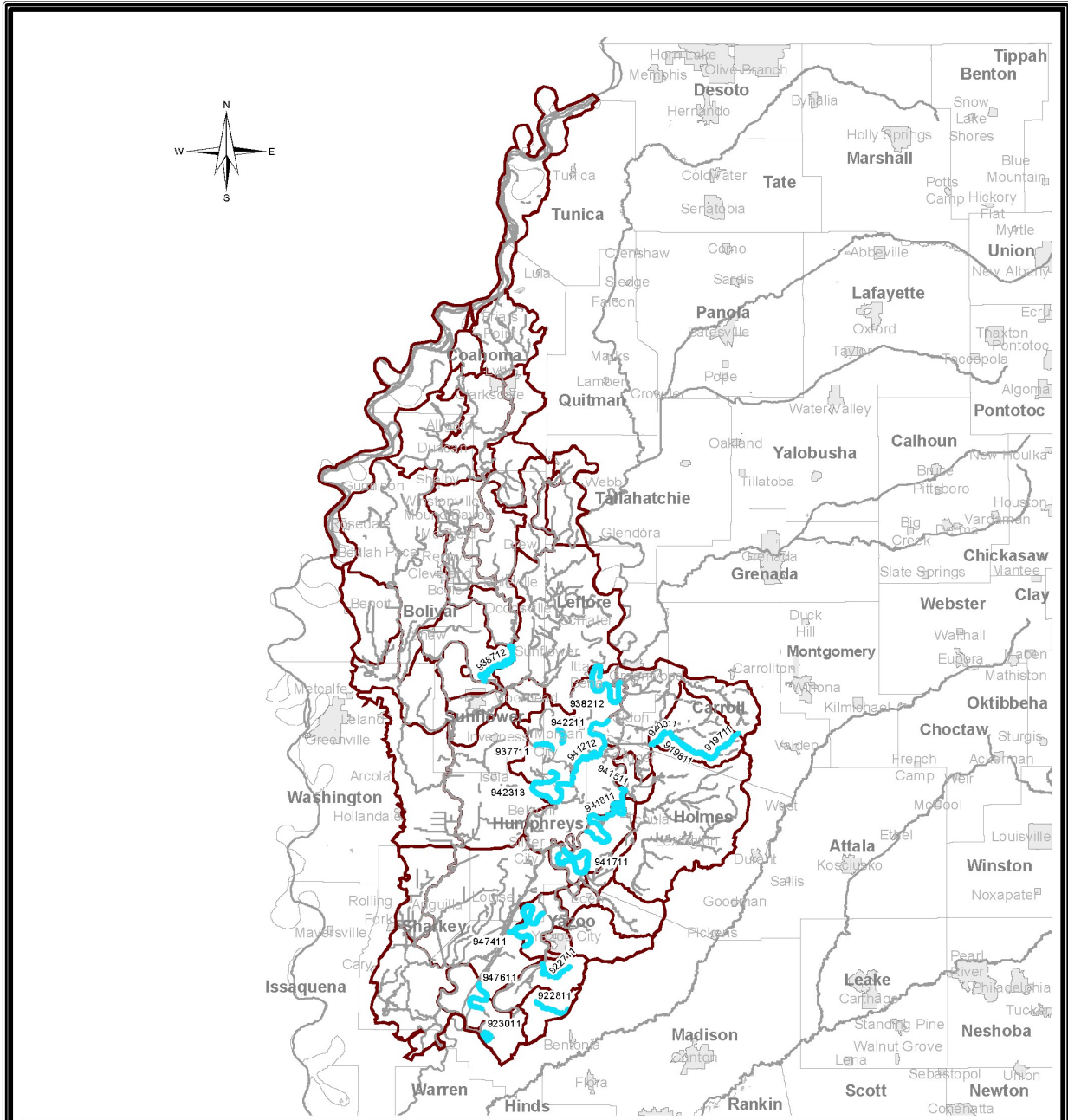


Mississippi Basins



Legend

- Success Stream
- Success Waterbody
- Perennial Stream
- Waterbody
- Watershed
- Basin
- City
- County



TMDL Successes

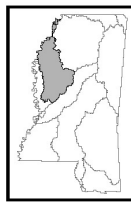
Yazoo/Upper Mississippi River Basin HUCs 08020100, 08030206, and 08030207

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Map Projection: Mississippi Transverse Mercator

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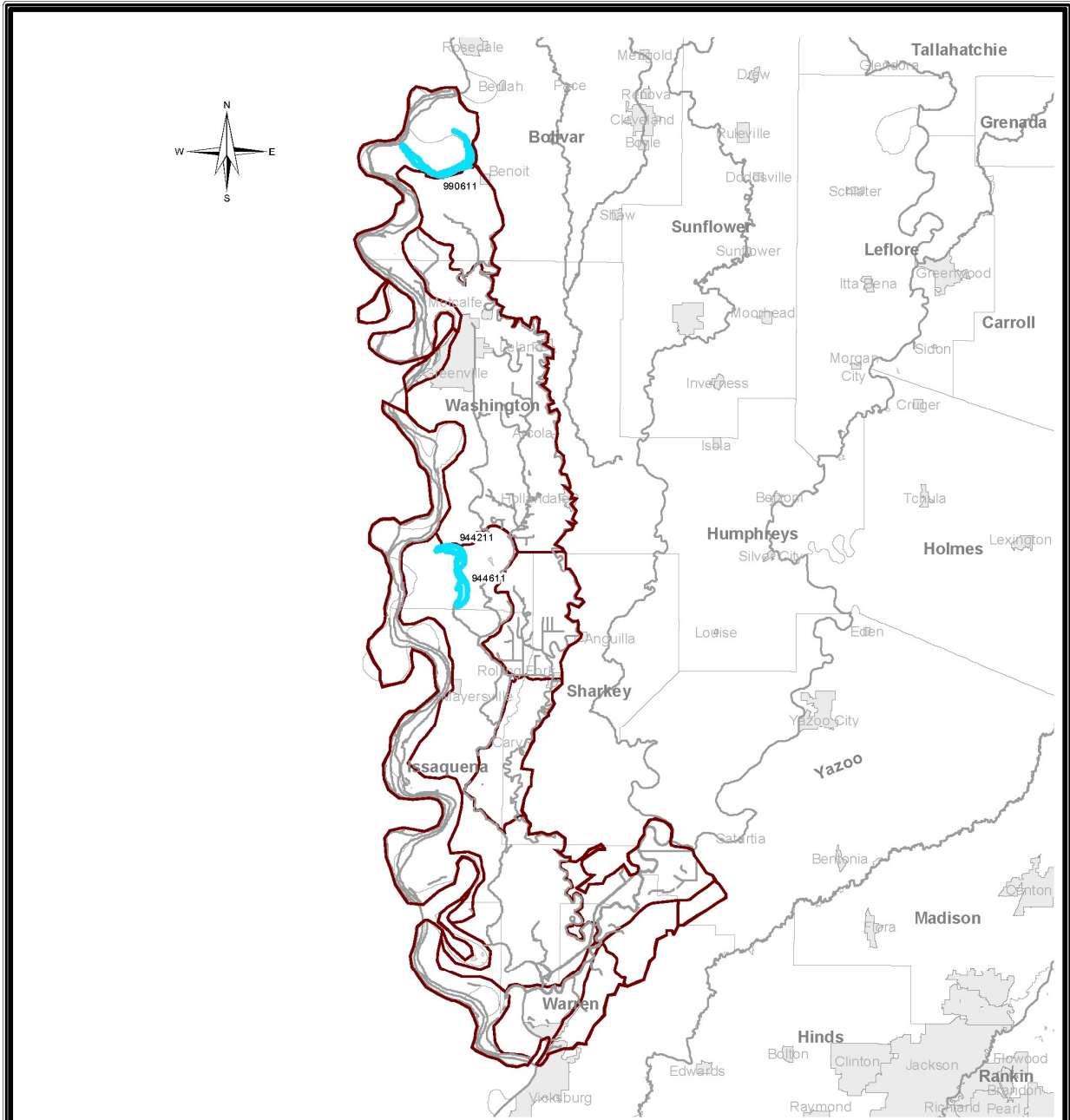


Mississippi Basins

0 10 20 30 40 Miles

Legend

- Success Stream
- Success Waterbody
- Perennial Stream
- Waterbody
- Watershed
- Basin
- City
- County



TMDL Successes

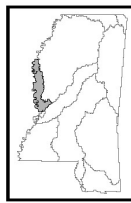
Yazoo/Upper Mississippi River Basin HUCs 08030100, 08030208, and 08030209

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Map Projection: Mississippi Transverse Mercator

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Mississippi Basins

0 5 10 15 20 Miles

Legend

- Success Stream
- Success Waterbody
- Perennial Stream
- Waterbody
- Watershed
- Basin
- City
- County