



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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ATLANTA FEDERAL CENTER  
61 FORSYTH STREET  
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JUL 29 2010

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BUREAU OF WATER

David Wilson  
Chief  
South Carolina Department of Environmental Control  
Bureau of Water  
2600 Bull Street  
Columbia, South Carolina 29201

SUBJECT: Approval of the State of South Carolina's 2010 303(d) List Submittal

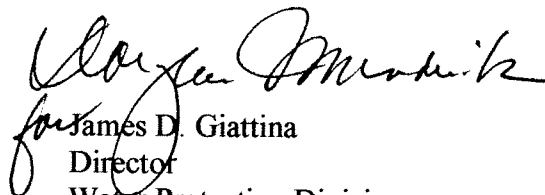
Dear Mr. Wilson:

The U.S. Environmental Protection Agency (EPA), Region 4, has completed its review of the South Carolina Department of Health and Environmental Control's Final 2010 Clean Water Act (CWA) Section 303(d) list of water quality limited segments. EPA has determined that each of the water quality limited segments still requiring Total Maximum Daily Loads identified on the State's 2010 list meets the requirements of the CWA Section 303(d) and its implementing regulations, 40 CFR 130.7. EPA hereby approves the State of South Carolina's decision to include each of the waters designated by the State in its 2010 303(d) list. Enclosed for your information is the accompanying decision document for this approval action.

Appendix C of this document includes a list of the nineteen waters "waters of concern" that the State has identified due to the presence of *Enterococcus* bacteria in similar waters at concentrations that may exceed the State's water quality standard. The State currently does not have the data necessary to make an assessment of these waters, but EPA notes the importance of these waterbodies to be treated as high priority for additional assessment during the next listing cycle. Many of these waters are in the same basin and EPA understands that representative data will be obtained so that an assessment can be made for the 2012 list.

If you have questions concerning this matter, please feel free to contact me at (404) 562-9345 or Andrea Zimmer, Chief, Monitoring and Information Analysis Section at (404) 562-9306.

Sincerely,

  
for James D. Giattina  
Director  
Water Protection Division

Enclosure

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March 30, 2010

Joanne Benante, Chief  
Water Quality Planning Branch  
U.S. Environmental Protection Agency Region 4  
61 Forsyth Street, SW  
Atlanta, GA 30303

Dear Ms. Benante:

The State of South Carolina's *2010 Integrated Report, Part 1: Listing of Impaired Waters*, required by Section 303(d) of the Clean Water Act and 40 CFR 130.7(b)(4), is enclosed for your approval. The list, which corresponds to Category 5 in EPA's *Guidance for 2006 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d) and 305(b) of the Clean Water Act*, is presented by 12-digit hydrologic unit and identifies waters not meeting State water quality standards after application of required pollutant controls. We have indicated TMDL development targets for the next two years, taking into account the severity of pollution, the designated uses of the waters, the availability of additional site-specific information, available resources, or other factors SCDHEC (the Department) deemed appropriate for scheduling TMDL development. We have also included in our submission the listing, delisting, and TMDL targeting methodology; data solicitation, public notice, and responsiveness summary; a list of sites removed due to standard attainment and a list of all sites not listed due to approved TMDLs.

We complied with public participation requirements by publishing a notice of availability in three statewide newspapers, by e-mailing the notice to interested parties, and by posting the notice and draft list on our web site. The public notice included a 31-day comment period from February 8, 2010 through March 10, 2010. We requested written comments on the draft list and methodology. A responsiveness summary to the comments received during this time period is included in *Part 1, Appendix G* of this package. Revisions to the draft list were also made after public notice, as deemed appropriate by the Department. Some revisions were not as a result of public comments, but were due to errors in listing. Those corrections are also outlined in *Part 1, Appendix G* of this package.

The State of South Carolina's *2010 Integrated Report, Part 2: Section 305 (b) Assessment and Reporting*, required by Section 305(b) of the Clean Water Act, is also enclosed. *Part 2* includes a description of and data summaries from South Carolina's statewide probability-based monitoring design, through which all waters of the state are assessed.

The South Carolina Department of Health and Environmental Control (the Department) is currently including all 2010 assessment results in the Assessment Database (ADB) and is committed to continue and work closely with EPA Region 4 to complete reach indexing (georeferencing) for the 2010 Integrated Report. Once indexing is completed (approximately 30 business days), electronic versions of State of South Carolina's *2010 Integrated Report Parts 1 & 2*, the ADB and associated reach indexing files will be uploaded to a FTP site. The Department will notify EPA Region 4 staff with appropriate instructions once the information is available for download.

Integrated Report Submittal  
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The Department appreciates EPA Region 4 staff and management assistance and timely feedback during the process of developing the *2010 Integrated Report Parts 1 & 2*.

If you have any questions or need more information, please contact Matt Carswell at 803-898-3609 or by E-Mail at [carsweme@dhec.sc.gov](mailto:carsweme@dhec.sc.gov).

Sincerely,



Heather Preston, Director  
Division of Water Quality  
Bureau of Water

cc: Tony Able, EPA Region 4  
Bonita Johnson, EPA Region 4  
Tina Lamar, EPA Region 4  
John Litton  
Gina Kirkland  
David Chestnut  
Matt Carswell  
Twanda Wilson  
Mihir Mehta

*The State of South Carolina's 2010 Integrated Report*  
*Part I: Listing of Impaired Waters*

**INTRODUCTION**

The South Carolina Department of Health and Environmental Control (Department) developed this priority list of waterbodies pursuant to Section §303(d) of the Federal Clean Water Act (CWA) and Federal Regulation 40 CFR 130.7 last revised in 1992. The listing identifies South Carolina waterbodies that do not currently meet State water quality standards after application of required controls for point and nonpoint source pollutants. Use attainment determinations were made using water quality data collected from 2004-2008. Pollution severity and the classified uses of waterbodies were considered in establishing priorities and targets. The list will be used to target waterbodies for further investigation, additional monitoring, and water quality improvement measures, including Total Maximum Daily Loads (TMDLs).

Over the past three decades, impacts from point sources to waterbodies have been substantially reduced through point source controls achieved via National Pollutant Discharge Elimination System (NPDES) permits. Since 1990, steady progress in controlling nonpoint source impacts has also been made through implementation of South Carolina's Nonpoint Source Management Program. In conjunction with TMDL development and implementation, the continued expansion and promotion of these and other state and local water quality improvement programs are expected to be effective in reducing the number of impaired waterbodies.

In compliance with 40 CFR 25.4(c), the Department, beginning February 8, 2010, issued a public notice in statewide newspapers, to ensure broad notice of the Department's intent to update its list of impaired waterbodies. Public input was solicited. The notice included a person to contact for information regarding the development of the list and asked for comments regarding the draft listing and methodology. The notice allowed for a thirty-one day comment period in which to respond. The Department also provided direct notice to interested parties, industries, private individuals, universities, research groups, federal agencies, other state agencies, and the USEPA. The Department also posted the public notice and the draft list on its Internet website. A copy of the notice of availability of the draft listing is provided in Appendix E. A summary of comments and responses will be provided in Appendix G, after the public comment period.

Additional public input was solicited through regular interactions between Department staff, interested members of the public, and other resource agencies. Department staff have regular interaction with stakeholders throughout each of the eight major river basins during stakeholder meetings, educational events, and individual contact sessions. Through this process valuable information is received which supports list development and TMDL prioritization. Public participation will continue to occur throughout the §303(d) process.

Part II of the integrated report submittal makes use of the identical data and assessment methodology that follows; therefore, no separate consideration of the 305(b) report is required for these listings. In consideration of EPA's Assessment Data Base (ADB) initiative all §303(d) listed assessment units have been included in South Carolina's portion of that repository for the 2010 listing cycle.

## **METHODOLOGY FOR DELISTING WATERBODIES FROM THE 2008 §303(D) LIST**

The Department reviewed the final 2008 §303(d) list as the starting point for the development of the 2010 §303(d) list. All waterbodies on the 2008 §303(d) listing were evaluated for appropriate inclusion on the 2010 §303(d) list as defined in 40 CFR 130.2(j).

Good cause for delisting of waterbodies from the 2008 §303(d) list include the following: 1) the most recent data and information indicate that water quality standards are being met, 2) a TMDL has been developed and approved, and 3) the listing analysis conducted for the 2008 list contained errors (e.g., laboratory reporting error, QA/QC requirements not met, legal ruling). Any one or combination of these reasons may be used by the Department to delist waters.

All waterbodies appear on the 2010 §303(d) list are sorted beginning with the 12-digit hydrologic unit code. Waterbodies listed for “BIO” (biological impairment) on the 2010 list have been removed for BIO if a pollutant responsible for the impairment has been identified. These waterbodies remain on the list for that pollutant and TMDLs will be developed for the pollutant of concern (not the biological impairment). Other waterbodies have been removed from the list when biological data have shown full use support despite other chemical and/or physical standards excursions.

Waterbodies that appeared on the 2008 §303(d) list that do not meet the above justifications for delisting remain on the 2010 §303(d) list.

## **METHODOLOGY FOR LISTING: THE SOUTH CAROLINA 2010 §303(D) LIST**

In accordance with federal guidelines, the Department evaluated waterbodies identified as impaired for appropriate inclusion on the 2010 §303(d) list. The Department uses a rotating basin approach, as encouraged in the August 8, 1997, EPA Guidance Memorandum: New Policies for Establishing and Implementing Total Maximum Daily Loads, to perform its permitting and water quality monitoring. This approach divides the state into five major river basin groups. Permitting and monitoring are performed according to a schedule that cycles through all basins in a five-year period.

The Department has an extensive fixed ambient surface water monitoring network throughout the state with more than 300 stations. The SCDHEC monitoring effort also includes over 450 shellfish sanitation stations, over 100 aquatic macroinvertebrate stations, approximately 200 fish tissue stations, over 100 beach monitoring stations, and several phytoplankton stations. Since 2002 a set of probability-based, or “random” sampling, stations has been added to the Department’s water quality monitoring strategy. The use of this sampling methodology enhances the ability to make statistically valid inferences about large watershed areas based on a relatively few sampling stations. In collaboration with USEPA, numerous random stations are incorporated in the Department’s monitoring program each year. DHEC’s total monitoring effort for the assessment used for this §303(d) list included data collected at over 2300 stations. DHEC’s monitoring strategy can be found on the Internet at <http://www.scdhec.gov/eqc/water/pubs/strategy.pdf>.

The cyclical nature of the Department’s permitting, monitoring, and data analysis results in a dynamic §303(d) listing. As new waters are monitored, new impaired sites may be discovered which require listing. As a result of increased monitoring, some waterbodies have been added to the 2010 §303(d) list. In compliance with water quality standards (SC Regulation 61-68), waterbodies with standards excursions attributable solely to natural conditions are not included on South Carolina’s §303(d) list.

The Department has considered the South Carolina Short List of waterbodies which was prepared in 1989 pursuant to Section §304(l) of the CWA. This “one-time” §304(l) Short List identified waterbodies where the State did not expect applicable water quality standards to be achieved after technology-based requirements had been met due entirely or substantially to point source discharges of §307(a) toxics. The §304(l) Short List was considered as required, but not used for development of the 2010 §303(d) list since those water quality problems have already been addressed. If current data and information on water quality for the specific water bodies included on the 1989 §304(l) list ever indicate less than full support of uses, they will be included on the §303(d) list.

### **Sources of Data and Information and Their Use**

For this listing cycle, the Department actively solicited data and information for the specific purpose of §303(d) listing. The Department has a standing data solicitation year round. This solicitation can be found on DHEC’s website at: <http://www.scdhec.gov/environment/water/tmdl/>. This solicitation contains links and contacts to DHEC’s Office of Quality Assurance for information regarding data specifications.

In addition, a solicitation notice was directly emailed to institutions known to collect environmental data (e.g., research universities, power utilities, other state and federal resource agencies). A copy of the solicitation notice is provided (Appendix D). Traditionally multiple sources of information have been considered when compiling the South Carolina §303(d) list. The Department has reviewed an assemblage of sources of readily available data and information, including federal and state resource agencies, 319 project grantees, and electric utilities. SCDHEC also considered data from North Carolina and Georgia with common water bodies.

The following data sources were considered for the 2010 §303(d) listing:

#### **DHEC: Environmental Quality Control**

- Water chemistry and biological data from over 1200 surface water and sediment monitoring sites
- Data collected at approximately 450 shellfish growing monitoring sites
- Fish, oyster, and crab tissue monitoring data
- Stream macroinvertebrate assessments
- Lake water quality assessment data (§314)
- Environmental Surveillance Oversight Program (Savannah River Site)
- State Nonpoint Source Management Plan (§319)
- Beach Monitoring Data collected at over 125 sites
- State Watershed Water Quality Assessments
- Special studies or general knowledge

### **Other biological data**

- United States Fish and Wildlife Service
- South Carolina Department of Natural Resources

### **Other chemical and bacteriological data**

- Georgia Department of Natural Resources
- North Carolina Department of Environment and Natural Resources
- Santee Cooper Public Service Authority

The Department's Quality Assurance Management Plan (QMP) has been approved by the EPA as part of its requirements under Section 106 of the CWA. All data and information sources used for the 2010 §303(d) list were reviewed in accordance with the QMP. All data and information used were readily accessible and met the Department's criteria for quality assurance and included a DHEC-approved Quality Assurance Project Plan (QAPP). In order for the Department to use any non-DHEC data in development of the 303(d) list, submittal of the data should be accompanied with an approved QAPP (See Appendix D for greater detail). This protocol was following during development of the 2010 §303(d) list.

A checklist of QA/QC considerations used by the Department can be found at:

<http://www.scdhec.net/environment/envserv/qapp.htm>

The following is a brief description of how the above data and information were used by the Department to support determinations for aquatic life, recreation, and other designated uses.

### **DETERMINATION OF ATTAINMENT OF CLASSIFIED USES**

Physical, chemical, and biological data were evaluated, as described below, to determine if water quality met the criteria established to protect the State classified uses as promulgated in Regulation 61-68, Water Classifications and Standards. These regulations are subject to a triennial review as required in section 303 of the Clean Water Act. To determine the appropriate classified uses and water quality criteria for specific waterbodies and locations, refer to Regulation 61-69, Classified Waters, in conjunction with Regulation 61-68. These regulations are located on the Internet at: <http://www.scdhec.gov/water> under Laws and Regulations.

Most data were used on the basis of a minimum five-year assessment period. Trend analysis was considered using up to 15 years of data. Less current data may still be the basis for listing previously listed sites where no new data was collected.

The use attainment decision process follows the basic approach set forth in the USEPA guidance for the preparation of state §305(b) water quality assessments.

A more detailed discussion of DHEC's use attainment determination methodology is contained in Appendix D.

## **Aquatic Life Use Support**

One important goal of the Clean Water Act and state standards is to maintain the quality of surface waters to provide for the survival and propagation of a balanced indigenous aquatic community of fauna and flora. Aquatic life use support is assessed by comparing important water quality characteristics to criteria. Support of aquatic life uses is determined based on the percentage of criteria excursions and, where data are available, the composition and functional integrity of the biological community. Among the parameters assessed are: dissolved oxygen, pH, toxicants (priority pollutants, heavy metals, ammonia), nutrients, and turbidity. If the conclusion for any one parameter is that the criterion is not met, then it is concluded that aquatic life use is not supported and the waterbody is thus listed as impaired.

A number of waterbodies have been given waterbody-specific criteria for pH and dissolved oxygen (DO), which reflect natural conditions. To determine the appropriate criteria and classified uses for specific waterbodies and locations, please refer to Regulation 61-68, Water Classifications and Standards, and Regulation 61-69, Classified Waters.

For DO and pH, if 10 percent or less of the samples contravenes the appropriate criterion, then the criterion is said to be fully supported. A percentage of criterion excursions greater than 10% indicates impairment and results in inclusion on the current §303(d) list, unless excursions are due to natural conditions as described further below.

For toxicants (heavy metals, priority pollutants, chlorine, ammonia), for any individual pollutant, if the appropriate acute and/or chronic aquatic life criterion is exceeded more than once in three years (2006-2008), the waterbody is listed as impaired for the pollutant of concern.

For turbidity in all waters, and for waters with numeric total phosphorus, total nitrogen, and/or chlorophyll-a criteria, if the appropriate criterion is exceeded in more than 25 percent of the samples, the criterion is not supported and the waterbody is listed as impaired. For waters with contraventions of standards between 10% and 25%, further site specific evaluation is necessary to determine if standards violations indicate actual aquatic life use impairment.

For aquatic life uses, the goal of the standards is the protection of a balanced indigenous aquatic community. Therefore, biological data are generally considered as the deciding factor, regardless of chemical conditions. South Carolina Regulation 61-68 Section E. 12 d. (2) states that if the ambient concentration is higher than the numeric criterion for toxic pollutants, the criterion is not considered violated if biological monitoring has demonstrated that the in-stream indigenous biological community is not adversely impacted. Section E. 15 b. states that biological assessment methods may be employed in other appropriate situations to assess and ensure the maintenance of a balanced indigenous aquatic community. These sections from the State water quality standards regulation provide the Department with discretion in data assessment for compliance with water quality standards. There are some waterbodies where the Department has gathered both chemical and biological data. After evaluation of the data, the Department has in some instances made the decision that the aquatic life use is fully supported based upon the biological data. As always when there is conflicting data, the Department will continue to carefully monitor these waters to ensure that all applicable water quality standards are met.



Additionally, as stated in Appendix F, certain state waters, such as blackwater systems in the Sandhills and Coastal Plain are frequently characterized by naturally low pH and DO concentrations, as are many tidally influenced systems along the coast. The Department used biological community data as a factor in determining whether pH and DO excursions represent natural conditions. On a case-by-case basis, departmental staff also considered other factors such as land use, and critical hydrology in assessing use attainment at individual locations where natural conditions were potentially involved. The Department does not believe that it is appropriate to develop TMDLs for these sites, per Regulation 61-68 Section C. 9.

In the assessment of biological data, aquatic and semi-aquatic macroinvertebrates are identified to the lowest practical taxonomic level depending on the condition and maturity of specimens collected. The EPT Index (Ephemeroptera, Plecoptera, Trichoptera) and the North Carolina Biotic Index (BI) are the main indices used in analyzing macroinvertebrate data. A habitat evaluation is conducted at each biological monitoring site, and is considered in the aquatic community assessment score.

### **Recreational Use Support**

The degree to which the swimmable goal of the Clean Water Act is attained (Recreational Use Support) is based on the frequency of fecal coliform bacteria excursions. Standards for primary contact recreation were derived from public health data that estimate the potential risks to humans of contracting waterborne illnesses after swimming due to exposure to sewage-related pathogens. For all waters classified for recreational use support, South Carolina R.61-68 requires a geometric mean and instantaneous fecal coliform bacteria standard for both fresh and tidal salt waters;

*“Not to exceed a geometric mean of 200/100ml, based on five consecutive samples during any 30 day period; nor shall more than 10% of the total samples during any 30 day period exceed 400/100 ml”.*

The standard is protective of primary contact recreational use; therefore, secondary contact recreational use is also protected.

For fecal coliform bacteria, if 10 percent or less of the samples exceed the instantaneous criterion then recreational uses are said to be fully supported. A percentage of criteria excursions greater than 10% of the 400 cfu/100 ml criterion indicates impairment of recreational uses and the waterbody is listed. In most cases, insufficient data are collected to evaluate against the geometric mean component of the standard as prescribed in R. 61-68; therefore, evaluation against the instantaneous criterion is necessary.

South Carolina R.61-68 also prescribes a geometric mean and instantaneous enterococci bacteria standard for tidal salt waters;

*“Not to exceed a geometric mean of 35/100 ml based on at least four samples collected from a given sampling site over a 30 day period; nor shall samples exceed a single sample maximum (SSM) of 104/100 ml.”*

Some South Carolina coastal waters are monitored for enterococcus levels. Beach advisories are issued for the period in which elevated levels persist. These advisories do not warrant listing for §303(d) purposes. Instead, an approach was developed in accordance with EPA guidance and South Carolina Regulations 61-68 (See <http://www.scdhec.gov/eqc/water/html/reg.html#wcs>).

Where sufficient data are collected to evaluate against the geometric mean component of the standard (*Tier I Beaches*), sites exceeding a geometric mean of 35cfu/100ml greater than 10% of the time are included on the §303(d) list of impaired waters.

In absence of sufficient data for evaluation of the geometric mean standard as prescribed in R. 61-68 (*Tier II and Tier III Beaches*), only evaluation against the SSM standard is considered and greater than 10% exceedences are included on the §303(d) list of impaired waters.

### **Fish and Shellfish Consumption**

Fish consumption use support is determined by the occurrence of advisories on human consumption for a given waterbody. For the support of consumption uses, a mercury or PCB advisory which limits fish consumption, indicates nonsupport of uses and is included on the §303(d) list of impaired waters.

Shellfish use support is determined by the harvesting status for a given shellfish harvesting area. Based on an evaluation against the appropriate water quality standard, elevated fecal coliform bacteria levels and/or a classification which restricts shellfish harvesting in a designated harvesting area indicates nonsupport of uses and the waterbody may be included on the §303(d) list of impaired waters.

Fish consumption advisories and shellfish sanitation information are updated periodically. For background information and the most up-to-date fish consumption advisories please visit the DHEC Bureau of Water webpage at <http://www.scdhec.gov/environment/water/advisories.htm> . The latest shellfish sanitation report data assessments available were used during development of the 2010 §303(d). For background information and the most up-to-date shellfish growing area status reports please visit the DHEC Bureau of Water webpage at <http://www.scdhec.gov/environment/water/sfreports.htm>.

### **TMDL DEVELOPMENT: METHODOLOGY FOR TARGETING IMPAIRED WATERBODIES**

The *Integrated Report Part I: Listing of Impaired Waters* serves to identify those sites that need additional management actions to meet water quality standards. Total Maximum Daily Load (TMDL) development is one way in which the Clean Water Act §303(d) was intended to promote these management actions. TMDLs will be developed for all §303(d) listed sites pursuant to EPA guidance.

A TMDL is a calculation of the maximum amount of a specific pollutant that a waterbody can receive and still meet water quality standards. It is the sum of the allowable loads of a given pollutant from all contributing point and nonpoint sources. It also incorporates a margin of safety and consideration of seasonal variation. For an impaired waterbody, the TMDL document specifies the level of pollutant reductions needed for waterbody use attainment. Targeting for TMDL development is necessary to focus limited technical and monetary resources. As per Federal regulation 40 CFR 130.7(b)(4), TMDLs targeted for completion over the next two years were based on the following factors:

- > Severity of pollution
- > Classified Use
- > Aquatic endangered species: Species present that could be adversely affected by a pollutant.
- > Adequacy of existing and readily available data and information for TMDL development

- > Adequacy of existing technical tools for TMDL development
- > Hydrologic connection, allowing “nesting” or “bundling” of TMDLs
- > Identified funding or cooperators
- > Degree of public interest and support for improvement of the waterbody
- > Ongoing activities and water quality related initiatives in the watershed
- > Recreational, economic, and aesthetic importance
- > Available Resources
- > Other national and departmental priorities and policies

In cooperation with EPA Region 4, SCDHEC Bureau of Water has developed TMDLs. At the time of publication of this list approximately 400 TMDLs have been approved by EPA in South Carolina (Appendix B). An updated listing of approved and draft TMDLs can be found at DHEC’s TMDL webpage: <http://www.scdhec.gov/water/tmdl>.

These approved TMDLs have been incorporated into the Department’s Continuing Planning Process in accordance with Section 303(e) of the Clean Water Act. TMDL development is continuing.

### **TMDL IMPLEMENTATION**

The DHEC §319 Grant Program has initiated a process for implementation of the nonpoint source (load allocation or LA) component of approved TMDLs on a watershed scale. Areas covered under an NPDES permit, including all continuous and non-continuous discharges, are subject to the wasteload allocation (WLA) component of approved TMDLs and are not eligible for DHEC §319 Grant funding. The Department’s TMDL implementation program also includes stakeholder involvement and funding assistance. Periodically, requests for proposals are made for projects that will implement the nonpoint source components of existing TMDLs. Interested persons may send a message to [npsgrants@dhec.sc.gov](mailto:npsgrants@dhec.sc.gov) to be notified of grant opportunities.

As of February 2010 27 such NPS TMDL implementation projects have been funded addressing 110 TMDLs. Implementation of TMDLs involving point sources is occurring through departmental NPDES permitting mechanisms. South Carolina’s TMDL implementation plan for nonpoint sources can be viewed on the web at:

<http://www.scdhec.gov/environment/water/npsplan.htm>

## LIST OF IMPAIRED WATERS

The South Carolina 2010 §303(d) list follows. Waterbodies are listed by point locations; however, the impairment is considered to extend for some distance upstream and/or downstream of the point location listed. The extent of the impairment of the waterbodies is determined during TMDL development and implementation.

The column headings included on the South Carolina 2010 list of impaired waters refer to the following:

**BASIN** – One of eight major basins contained in the State

**HUC** - Hydrologic Unit Code, a sub-basin unit in which the water body is located

**LOCATION** – Name and brief description of the location of the impaired waterbodies

**STATION** – The Department’s station code where samples were collected

**COUNTY** – County in which station is located

**USE** – Use support impairment for aquatic life and/or recreational uses

*Aquatic Life Use:* AL

*Fish Consumption:* FISH

(For information on the full extent of fish advisories, see the current Fish Consumption Advisories on our website at <http://www.scdhec.gov/fish>)

*Recreational Use (Swimming):* REC

*Shellfish Harvesting:* SHELLFISH

(For information on the current shellfish harvesting areas status, see the current Annual Update Reports on our website at <http://www.scdhec.gov/water/html/shellfish.html>)

**CAUSE** – Pollutant(s) that resulted in impaired classified use. The parameters are denoted as follows:

Ammonia-Nitrogen: NH3-N

Chlorophyll A: CHLA

Chromium: CR

Mercury: HG

Copper: CU

Dissolved Oxygen: DO

Enterococcus: ENTERO

Fecal Coliform Bacteria: FC

Hydrogen Ion Concentration: PH

Total Nitrogen: TN

Cadmium: CD

Macroinvertebrate: BIO

Turbidity: TURBIDITY

Total Phosphorus: TP

Lead: Pb

Polychlorinated Biphenyls: PCB

Nickel: NI

Zinc: ZN

Organotins: ORGANOTINS

**NOTE** – \* TMDL to be developed within two years

# Further investigation planned

**TMDL TARGET DATE(S) ++** – In accordance with EPA integrated report guidance, target dates are established for development of TMDLs from 2-13 years after a site is listed as impaired by each pollutant. All target dates are subject to change, based on the severity of pollution, designated use, the availability of additional site-specific information, available resources, or other factors the Department deems appropriate for scheduling TMDL development. If the water quality standard demonstrates attainment for the pollutant of concern subsequent to initial listing, a TMDL will not be necessary.

2010 SC List of Impaired Waters by 12-Digit HUC

TMDL TARGET DATE(S)++	NOTE	BASIN	HUC	LOCATION	STATION	COUNTY	USE	CAUSE
2015		BROAD	030501051002	LITTLE THICKETTY CREEK AT S-42-307 1.2 MI NE OF COWPENS	RS-04376	SPARTANBURG	AL	BIO
2015		BROAD	030501051003	GILKEY CK AT S-11-231, 9 MI SE OF GAFFNEY	B-334	CHEROKEE	AL	BIO
2018		BROAD	030501051101	CLARK FORK INTO CRAWFORD LK ON UN# RD NEAR SC 161 & 705-KINGS MT	B-325	YORK	AL	BIO
2021		BROAD	030501051103	LOVES CREEK AT SC 97	RS-08272	YORK	REC	FC
2015		BROAD	030501051203	OBED CREEK AT UNNUMBERED CHRISTOPHER ROAD OFF SC 11	RS-03514	SPARTANBURG	AL	BIO
2021		BROAD	030501051301	S PACOLET RVR AT S-42-866 1 MI SE CAMPOBELLO	B-302	SPARTANBURG	AL	CU
2015		BROAD	030501051301	MOTLOW CRK. AT SR 888	B-790	SPARTANBURG	AL	BIO
2021		BROAD	030501051302	LAKE BOWEN 0.3 MI W OF SC 9	B-339	SPARTANBURG	AL	CU
2015		BROAD	030501051401	LAWSONS FK CK AT S-42-40 BL INMAN MILL EFF	B-221	SPARTANBURG	AL	BIO
2015		BROAD	030501051401	MEADOW CRK. AT SR 56	B-531	SPARTANBURG	AL	BIO
2015		BROAD	030501051402	LAWSONS FORK CK AT S-42-108	BL-001	SPARTANBURG	AL	BIO
2018		BROAD	030501051502	LAKE BLALOCK AT US 221	RL-04461	SPARTANBURG	AL	CU
2012		BROAD	030501051504	POTTER BR ON RD 30 BL OUTFALL FROM HOUSING PROJ COWPENS	B-191	SPARTANBURG	AL	DO
2018		BROAD	030501051504	PACOLET RVR AT S-42-59, BEACON LIGHT ROAD IN CLIFTON	B-331	SPARTANBURG	AL	CU
2015		BROAD	030501051505	MILL CREEK AT SR 73	B-780	UNION	AL	BIO
2015		BROAD	030501051602	CHEROKEE CREEK AT SC 329	B-679	CHEROKEE	AL	BIO
2016		BROAD	030501051602	LAKE WELCHEL 2.7 M N OF GAFFNEY	RL-01029	CHEROKEE	AL	CHLA
2016		BROAD	030501051602	LAKE WELCHEL 2.7 MI NE OF GAFFNEY LAUNCH FROM GAFFNEY PUBLIC WORKS BOAT LANDING	RL-03341	CHEROKEE	AL	PH
2012		BROAD	030501060102	ROSS BR TO TURKEY CK AT SC 49 SW OF YORK	B-086	YORK	AL	TURBIDITY
2016		BROAD	030501060102	TURKEY CREEK AT S-46-41 5.3 MI SW YORK	RS-05562	YORK	AL	BIO
2021		BROAD	030501060105	TURKEY CK AT SC 9, 14 MI NW OF CHESTER	B-136	CHESTER	AL	BIO
2017		BROAD	030501060202	DRY FORK AT S-12-304 2 MI SW OF CHESTER	B-074	CHESTER	AL	BIO
2017		BROAD	030501060202	MONTICELLO LAKE 1.7 MI NW OF MONTICELLO	RL-04370	FAIRFIELD	AL	PH
2017		BROAD	030501060202	MONTICELLO LAKE 3.5 MI N OF JENKINSVILLE	RL-04374	FAIRFIELD	AL	PH
2017, 2017, 2017		BROAD	030501060202	LAKE AT CHESTER STATE PARK 0.8 MI SE OF ENTRANCE	RL-06438	CHESTER	AL	CHLA, PH, TURBIDITY
2017, 2017		BROAD	030501060202	CHESTER SATE PARK LAKE 2.5 MI SW OF CHESTER	RL-06468	CHESTER	AL	CHLA, TURBIDITY
2012		BROAD	030501060302	MENG CK AT SC 49 2.5 MI E OF UNION	B-064	UNION	AL	PH
2012		BROAD	030501060302	TRIB TO MENG CK AT CLVT ON S-44-384 3 MI E OF UNION	B-243	UNION	AL	PH
2023		BROAD	030501060303	LAKE JOHN D. LONG IN FOREBAY NEAR DAM	B-344	UNION	AL	PH

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TMDL TARGET DATE(S)++	NOTE	BASIN	HUC	LOCATION	STATION	COUNTY	USE	CAUSE
2014		BROAD	030501060401	BEAVER CRK. AT SR 95	B-143	FAIRFIELD	AL	BIO
2014		BROAD	030501060401	MCCLURES CREEK AT SC-215 6.7 MI SE OF CARLISLE	RS-04527	FAIRFIELD	AL	BIO
2015		BROAD	030501060402	HELLERS CRK. AT SR 97	B-151	NEWBERRY	AL	BIO
2013		BROAD	030501060403	MONTICELLO LK-LOWER IMPOUNDMENT BETWEEN LARGE ISLANDS	B-327	FAIRFIELD	AL	PH
2017		BROAD	030501060405	CANNON CREEK AT OXNER ROAD	B-831	NEWBERRY	AL	BIO
2018		BROAD	030501060406	PARR RESERVOIR 4.8 KM N OF DAM, UPSTREAM MONTICELLO RESERVOIR	B-346	NEWBERRY	AL	TP
2018		BROAD	030501060504	WINNSBORO BR BELOW PLANT OUTFALL	B-077	FAIRFIELD	AL	CU
2021		BROAD	030501060504	JACKSON CK AT S-20-54, 5 MI W OF WINNSBORO	B-102	FAIRFIELD	AL	BIO
2015		BROAD	030501060701	CRIMS CRK. AT SC 213	B-800	NEWBERRY	AL	BIO
2020		BROAD	030501060703	BROAD RVR AT SO. RR TRESTLE, 0.5 MI DS OF SC 213	B-236	FAIRFIELD	AL	CU
2013		BROAD	030501060707	CRANE CREEK AT US 321	B-081	RICHLAND	AL	BIO
2023		BROAD	030501060707	CRANE CK AT S-40-43 UNDER I-20 - N COLA	B-316	RICHLAND	AL	DO
2013		BROAD	030501060708	SMITH BR AT N MAIN ST (US 21) IN COLA	B-280	RICHLAND	AL	BIO
2020		BROAD	030501060708	BROAD RVR AT US 176 (BROAD RIVER RD) IN COLUMBIA	B-337	RICHLAND	AL	CU
2017		BROAD	030501070102	BEAVERDAM CRK. AT SC 357	B-784	SPARTANBURG	AL	BIO
2018		BROAD	030501070103	MIDDLE TYGER RVR AT S-42-64	B-014	SPARTANBURG	AL	CU
2015		BROAD	030501070201	N TYGER RVR AT US 29 7.2 MI W OF SPARTANBURG	B-219	SPARTANBURG	AL	BIO
2019		BROAD	030501070203	UNNAMED TRIB TO TIMMS CREEK FIRST TRIB ENTERING TIMM CREEK DOWNSTREAM OF MONTGOMERY POND.	B-829	SPARTANBURG	AL	BIO
2019		BROAD	030501070203	TIMM CREEK 100 METERS UPSTREAM OF FELT RD.	B-830	SPARTANBURG	AL	BIO
2015		BROAD	030501070303	SOUTH TYGER RIVER AT 293	B-005A	SPARTANBURG	AL	BIO
2018		BROAD	030501070305	UNNAMED TRIB TO SOUTH TYGER RIVER ROGERS MILL SUBDIVISION, DOWNSTREAM OF THE 2ND STORMWATER DISCHARGE.	B-833	SPARTANBURG	AL	BIO
2017, 2012		BROAD	030501070401	TRIB TO FAIRFOREST CK 200 FT BL S-42-65	B-321	SPARTANBURG	AL	NI, PH
2015		BROAD	030501070402	FAIRFOREST CK AT SC 56	B-021	SPARTANBURG	AL	BIO
2016, 2016, 2016, 2016		BROAD	030501070402	LAKE JOHNSON AT SPILLWAY AT S-42-359	CL-035	SPARTANBURG	AL	CHLA, DO, PH, TP
2021		BROAD	030501070405	MITCHELL CREEK AT SR 19, 1ST REPLICATE OF TWO STATIONS, DOWNSTREAM OF BRIDGE	B-781	UNION	AL	PH
2021		BROAD	030501070406	TOSCHS CK AT S-44-75 2 MI SW OF UNION	B-067A	UNION	AL	BIO

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2021		BROAD	030501070501	JIMMIES CRK. AT STEWART RD, 1 MILE UPSTREAM OF SR 113	B-786	SPARTANBURG	AL	PH
2014, 2014		BROAD	030501070505	TINKER CK AT UN# CO RD 1.7 MI SSE OF UNION	B-287	UNION	AL	PH, TURBIDITY
2017		BROAD	030501070506	CANE CRK. AT SR 359	B-777	UNION	AL	BIO
2021		BROAD	030501070507	TYGER RVR AT S-44-35 3.5 MI S OF CARLISLE	B-349	UNION	REC	FC
2017		BROAD	030501080101	BUCKHORN CRK. AT SR 562	B-795	GREENVILLE	AL	BIO
2017		BROAD	030501080101	BEAVERDAM CRK. AT SC 253	B-796	GREENVILLE	AL	BIO
2015	#	BROAD	030501080101	ENOREE R. AT PINE LOG FORD RD., 2ND CROSSING ABOVE SC 253 BRIDGE	B-797	GREENVILLE	AL	BIO
2014, 2014	#	BROAD	030501080101	ENOREE RVR AT UNNUM RD W US 25 N TRAVELERS REST	BE-001	GREENVILLE	AL	PH, ZN
2016		BROAD	030501080101	MOUNTAIN CRK. AT SR 279	BE-008	GREENVILLE	AL	BIO
2014	#	BROAD	030501080101	BEAVERDAM CK AT RD 1967	BE-039	GREENVILLE	AL	PH
2015		BROAD	030501080102	PRINCESS CREEK AT SUBER MILL RD, SECOND RD S OF US 29 OFF S-23-540	B-192	GREENVILLE	AL	BIO
2015		BROAD	030501080102	ROCKY CK AT BRDG IN BATESVILLE 1 MI AB JCT WITH ENOREE	BE-007	GREENVILLE	AL	BIO
2017		BROAD	030501080102	BRUSHY CK AT S-23-164	BE-009	GREENVILLE	AL	BIO
2017		BROAD	030501080102	BRUSHY CK AT HOWELL RD (S-23-273/335) APPROX 5 MI NE OF GREENVILLE (BIO B-798)	BE-035	GREENVILLE	AL	BIO
2015		BROAD	030501080103	GILDER CK AT S-23-142 2.75 MI ENE OF MAULDIN	B-241	GREENVILLE	AL	TURBIDITY
2015		BROAD	030501080103	HORSE PEN CRK. AT SR 145	B-793	GREENVILLE	AL	BIO
2015		BROAD	030501080103	GILDER CK AT S-23-143 1/4 MI AB JCT WITH ENOREE RVR	BE-020	GREENVILLE	AL	BIO
2015		BROAD	030501080104	ENOREE RVR AT SC 296, 7.5 MI NE OF MAULDIN	BE-017	GREENVILLE	AL	BIO
2016		BROAD	030501080105	DURBIN CREEK AT SC 418	B-097	LAURENS	AL	TURBIDITY
2015		BROAD	030501080106	ENOREE RVR AT S-30-75	BE-018	LAURENS	AL	TURBIDITY
2015		BROAD	030501080106	ENOREE RIVER AT SC HWY 418	BE-019	LAURENS	AL	BIO
2021		BROAD	030501080201	BEAVERDAM CK AT S-30-97, 7 MI NE OF GRAY COURT	B-246	LAURENS	AL	BIO
2013		BROAD	030501080201	BEAVERDAM CREEK AT S-30-399 10 MI N OF LAURENS	RS-05566	LAURENS	AL	BIO
2021		BROAD	030501080501	KINGS CRK. AT US 176, DOWNSTREAM OF BRIDGE	B-799	NEWBERRY	AL	PH
2013		CATAWBA	030501011504	BEAVERDAM CREEK AT BRIDGE ON S-46-64 3.2 MI ENE OF CLOVER	RS-06020	YORK	AL	BIO
2013		CATAWBA	030501011505	LK WYLIE, CROWDERS CK ARM AT SC 49 AND SC 274	CW-027	YORK	REC	FC
2021, 2021		CATAWBA	030501011506	LK WYLIE AT SC 274 9 MI NE OF YORK	CW-200	YORK	AL	CHLA, TP
2018, 2021		CATAWBA	030501011508	LAKE WYLIE AT DAM, UNDER POWERLINES	CW-230	YORK	AL	CU, NH3N
2016		CATAWBA	030501030103	SUGAR CK US OF CONFLUENCE W/ MCALPINE CK	CW-246	YORK	AL	BIO

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2021		CATAWBA	030501030107	MCALPINE CK AT S-29-64	CW-064	LANCASTER	AL	NH3N
2014		CATAWBA	030501030107	MCALPINE CK AT S-29-64	CW-064	LANCASTER	REC	FC
2021		CATAWBA	030501030108	STEEL CR. AT US BY-PASS 21	CW-681	YORK	AL	PH
2016		CATAWBA	030501030109	SUGAR CK AT SC 160 E OF FORT MILL	CW-013	LANCASTER	AL	BIO
2014		CATAWBA	030501030109	SUGAR CREEK AT S-46-36	CW-036	LANCASTER	REC	FC
2019		CATAWBA	030501030302	CANE CK AT SC 200 5 MI NNE OF LANCASTER	CW-185	LANCASTER	AL	DO
2021		CATAWBA	030501030304	HANNAHS CREEK AT S-29-376 3.4 MI E OF LANCASTER	RS-05403	LANCASTER	AL	DO
2021	#	CATAWBA	030501030304	GILLS CK AT S-29-36 4.5 MI ENE OF LANCASTER	RS-07043	LANCASTER	AL	DO
2019, 2019		CATAWBA	030501030305	CANE CK AT S-29-50	CW-017	LANCASTER	AL	CU, DO
2021		CATAWBA	030501030305	CANE CR. AT SC 9 BYPASS	CW-210	LANCASTER	AL	PH
2013		CATAWBA	030501030305	RUM CK AT S-29-187	CW-232	LANCASTER	AL	DO
2013		CATAWBA	030501030401	WILDCAT CK AT S-46-650	CW-006	YORK	AL	DO
2014		CATAWBA	030501030401	TOOLS FORK AT S-46-195 7 MI NW OF ROCK HILL	CW-212	YORK	AL	TURBIDITY
2014		CATAWBA	030501030401	TOOLS FORK CREEKUPSTREAM OF RETENTION POND IN HAWKINS RIDGE OFF S-46-195	CW-545	YORK	REC	FC
2021		CATAWBA	030501030402	FISHING CK AT S-46-347 DS YORK WWTP	CW-005	YORK	AL	BIO
2015		CATAWBA	030501030403	STONEY FORK CRK. AT SC 121 & 72	CW-697	YORK	AL	BIO
2021, 2021		CATAWBA	030501030404	LAKE OLIPHANT, FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CL-021	CHESTER	AL	PH, TP
2018	#	CATAWBA	030501030406	SOUTH FORK OF FISHING CRK. AT SR 50	CW-007	CHESTER	AL	BIO
2018		CATAWBA	030501030407	FISHING CR. AT SR 655	CW-654	YORK	AL	BIO
2018		CATAWBA	030501030407	TAYLORS CRK. AT SR 735	CW-695	YORK	AL	BIO
2018	#	CATAWBA	030501030503	BEAVER DAM CRK. AT SR 555	CW-691	CHESTER	AL	BIO
2018		CATAWBA	030501030503	BEAVERDAM CREEK AT BRIDGE ON S-12-198 3.5 MI NW OF GREAT FALLS	RS-06171	CHESTER	AL	BIO
2013, 2011, 2011	*	CATAWBA	030501030505	CEDAR CK RESERVOIR/ROCKY CK AT S-12-141 SE OF GREAT FALLS	CW-175	CHESTER	AL	DO, TN, TP
2013	#	CATAWBA	030501030603	WAXHAW CK AT S-29-29	CW-145	LANCASTER	AL	CU
2018		CATAWBA	030501030604	GREENE CREEK AT S-12-465 8.2 MI N OF FORT LAWN	RS-03511	CHESTER	AL	BIO
2014		CATAWBA	030501030604	GREENE CREEK AT S-12-465 8.2 MI N OF FORT LAWN	RS-03511	CHESTER	REC	FC
2018		CATAWBA	030501030604	SIXMILE CREEK AT BRIDGE ON S-46-691 2.6 MI NE OF RODDEY	RS-06176	YORK	AL	BIO
2011, 2011	*	CATAWBA	030501030606	FISHING CK RES 2 MI BL CANE CREEK	CW-016F	CHESTER	AL	TN, TP
2013, 2011, 2011, 2011	*	CATAWBA	030501030606	FISHING CK RES 75 FT AB DAM NR GREAT FALLS	CW-057	CHESTER	AL	NH3N, PH, TN, TP
2011	*	CATAWBA	030501030606	CEDAR CK RESERVOIR AT UNIMP RD AB JCT WITH ROCKY CK	CW-174	CHESTER	AL	TP
2011	*	CATAWBA	030501030606	CEDAR CK RES 2.15 M SE OF GREAT FALLS	RL-01007	LANCASTER	AL	TP



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2011	*	CATAWBA	030501030606	FISHING CK RES 3.8 M S OF FORT LAWN OFF W SHORE OF THE TOWN OF LAKE VIEW	RL-01012	CHESTER	AL	CHLA
2011	*	CATAWBA	030501030606	CEDAR CK RES FROM W OF BIG ISL 7 MI BELOW ROCKY CK CONFL	RL-02319	CHESTER	AL	TP
2011	*	CATAWBA	030501030606	CEDAR CK RES 0.15 MI SE OF S TIP PICKETT ISLAND	RL-02452	LANCASTER	AL	TP
2011, 2011, 2019	*	CATAWBA	030501030606	GREAT FALLS RESERVOIR 0.9 MI NE OF GREAT FALLS	RL-03332	CHESTER	AL	TN, TP, TURBIDITY
2019, 2011, 2019	*	CATAWBA	030501030606	CEDAR CREEK RESERVOIR 0.3 MI NE OF DAM AND W OF BIG ISLAND	RL-03351	CHESTER	AL	CU, TP, TURBIDITY
2011, 2019	*	CATAWBA	030501030606	CEDAR CREEK RESERVOIR 1.9 MI SE OF GREAT FALLS AND E OF BIG ISLAND	RL-03353	CHESTER	AL	TP, TURBIDITY
2011, 2019	*	CATAWBA	030501030606	GREAT FALLS RSVR 1 MI NE OF GREAT FALLS	RL-03458	CHESTER	AL	TP, TURBIDITY
2011	*	CATAWBA	030501030606	CEDAR CREEK RESERVOIR 2.2 MI SE OF GREAT FALLS SE OF BOWDEN ISLAND	RL-04375	LANCASTER	AL	TP
2011	*	CATAWBA	030501030606	CEDAR CREEK RESERVOIR 1.25 MI ESE OF GREAT FALLS NW OF HILL ISLAND	RL-04379	CHESTER	AL	TP
2011	*	CATAWBA	030501030606	CEDAR CREEK RESERVOIR 0.42 MI NNW OF S-29-405 ON LANCASTER CHESTER COUNTY LINE	RL-05391	CHESTER	AL	TP
2011	*	CATAWBA	030501030606	GREAT FALLS RESERVOIR 1 MI EAST OF JUNCTION OF SC 99 AND US 21	RL-05414	CHESTER	AL	TP
2011	*	CATAWBA	030501030606	CEDAR CREEK RESERVOIR DEBUTARY CREEK BRANCH 0.4 MI E OF DEBUTARY CREEK AND S-20-268	RL-05416	FAIRFIELD	AL	TP
2011	*	CATAWBA	030501030606	GREAT FALLS RESERVOIR 1.2 MI SE OF GREAT FALLS W OF BIG ISLAND	RL-06429	CHESTER	AL	TP
2011	*	CATAWBA	030501030606	CEDAR CREEK RESEVOIR 1.6 MI SE OF GREAT FALLS E OF BIG ISLAND	RL-06431	CHESTER	AL	TP
2011	*	CATAWBA	030501030606	CEDAR CREEK RESEVOIR 2.3 MI SE OF GREAT FALLS S OF PICKET ISLAND	RL-06443	CHESTER	AL	PH
2011, 2011	*	CATAWBA	030501030606	CEDAR CREEK RESERVOIR 0.27 MI SE OF S-12-141 BELOW TAILRACE FROM GREAT FALLS DAM	RL-08046	CHESTER	AL	TN, TP
2021, 2021		CATAWBA	030501030606	GREAT FALLS RESERVOIR 0.9 MI E OF NITROLEE W SIDE OF CUT BTWN 2 ISLANDS	RL-08062	CHESTER	AL	TN, TP
2021		CATAWBA	030501040102	LITTLE WATEREE CK AT S-20-41 5 MI E OF WINNSBORO	CW-040	FAIRFIELD	AL	ZN
2019		CATAWBA	030501040105	BIG WATEREE CK AT US 21	CW-072	FAIRFIELD	AL	DO
2011	*	CATAWBA	030501040106	CEDAR CK RESERVOIR 100 M N OF DAM	CW-033	LANCASTER	AL	TP
2011	*	CATAWBA	030501040106	LK WATEREE HEADWATERS APPROX 50 YDS DS CONFL CEDAR CK	CW-231	LANCASTER	AL	TP
2011	*	CATAWBA	030501040108	LK WATEREE AT S-20-101 11 MI ENE WINNSBORO	CW-208	FAIRFIELD	AL	PH
2011, 2011	*	CATAWBA	030501040108	DUTCHMANS CREEK ARM OF LAKE WATEREE 0.4 MI E OF S-20-101 BRIDGE	RL-08035	FAIRFIELD	AL	PH, TP
2014		CATAWBA	030501040108	DUTCHMANS CK AT S-20-106	RS-02321	FAIRFIELD	REC	FC
2021		CATAWBA	030501040109	TRANHAM CREEK AT S-29-763 6.5 MI WSW OF KERSHAW (THE BRIDGE HAS A SIGN LABLING THE CK AS BEAVER CK)	RS-07059	LANCASTER	REC	FC
2013, 2011	*	CATAWBA	030501040111	LK WATEREE IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CL-089	KERSHAW	AL	DO, PH
2011	*	CATAWBA	030501040111	LK WATEREE AT SMALL ISLAND 2.3 MI N OF DAM	CW-209	KERSHAW	AL	PH
2011, 2011	*	CATAWBA	030501040111	LAKE WATEREE 1.0 MI SW FROM MOUTH OF BEAVER CK	RL-02314	KERSHAW	AL	PH, TP

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2011, 2011	*	CATAWBA	030501040111	LAKE WATEREE NEARSHORE ALONG S-28-802 OPP COLONEL CK CONFL	RL-03336	KERSHAW	AL	PH, TP
2011	*	CATAWBA	030501040202	GRANNIES QUARTER CK AT SC 97	CW-237	KERSHAW	REC	FC
2019		CATAWBA	030501040207	TWENTYFIVE MILE CK AT S-28-05 3.7 MI W OF CAMDEN	CW-080	KERSHAW	AL	BIO
2023		CATAWBA	030501040208	WATEREE RIVER BELOW LAKE WATEREE DAM	CW-039	KERSHAW	FISH	HG
2014		CATAWBA	030501040302	LITTLE PINE TREE CREEK AT S-28-132	CW-223	KERSHAW	REC	FC
2021		CATAWBA	030501040304	WATEREE RVR AT US 1	CW-019	KERSHAW	AL	DO
2013		CATAWBA	030501040304	WATEREE RIVER @ I-20	CW-214	KERSHAW	AL	DO
2023		CATAWBA	030501040304	WATEREE RIVER @ I-20	CW-214	KERSHAW	FISH	HG
2013		CATAWBA	030501040305	SWIFT CK AT S-28-12	CW-082	KERSHAW	AL	DO
2018, 2013		CATAWBA	030501040305	SWIFT CK AT SC 261	CW-238	KERSHAW	AL	CU, DO
2023		CATAWBA	030501040406	WATEREE RIVER @ US 378/76	CW-206	SUMTER	FISH	HG
2023		CATAWBA	030501040407	BIG LAKE @ SUMTER WATEREE HUNT CLUB	CW-698	SUMTER	FISH	HG
2021		EDISTO	030502030101	CHINQUAPIN CREEK AT S-02-210	E-606	AIKEN	AL	BIO
2023		EDISTO	030502030106	N FORK EDISTO RVR AT S-02-110	E-102	AIKEN	FISH	HG
2016		EDISTO	030502030206	BULL SWP CK AT CLVT ON UNIMP RD 1.1 MI NW OF SWANSEA	E-034	LEXINGTON	AL	DO
2017		EDISTO	030502030206	BULL SWAMP CREEK AT SC 6	E-591	LEXINGTON	AL	BIO
2010	*	EDISTO	030502030208	BULL SWP CK AT US 321 0.9 MI S OF SWANSEA	E-035	LEXINGTON	REC	FC
2010	*	EDISTO	030502030210	N FORK EDISTO RVR AT SC 3 5.5 MI NW NORTH	E-092	ORANGEBURG	REC	FC
2023		EDISTO	030502030210	NORTH EDISTO RIVER @ SLAB LANDING	E-704	ORANGEBURG	FISH	HG
2011	*	EDISTO	030502030304	N FORK EDISTO RVR AT S-38-74 NW ORANGEBURG	E-099	ORANGEBURG	REC	FC
2010	*	EDISTO	030502030306	CAW CAW SWAMP AT S-38-1032 (1148?)	E-105	ORANGEBURG	REC	FC
2012	#	EDISTO	030502030308	N FORK EDISTO RVR AT US 601 AT ORANGEBURG	E-007	ORANGEBURG	AL	PH
2023		EDISTO	030502030308	N FORK EDISTO RVR AT US 601 AT ORANGEBURG	E-007	ORANGEBURG	FISH	HG
2010	*	EDISTO	030502030308	N FORK EDISTO RVR 4 MI BL E-007 AT A CABIN	E-007B	ORANGEBURG	REC	FC
2023		EDISTO	030502030308	N FORK EDISTO RVR AT POLICEMANS CAMP 6 MI BL E-007	E-007C	ORANGEBURG	FISH	HG
2023		EDISTO	030502030308	NORTH EDISTO RIVER @ SEC RD 39	E-008	ORANGEBURG	FISH	HG
2010	*	EDISTO	030502030308	NORTH EDISTO RIVER @ SEC RD 39	E-008	ORANGEBURG	REC	FC
2023		EDISTO	030502030308	NORTH EDISTO RIVER @ KILL KARE	E-008A	ORANGEBURG	AL	CU
2023		EDISTO	030502030308	NORTH EDISTO RIVER @ KILL KARE	E-008A	ORANGEBURG	FISH	HG
2014		EDISTO	030502040106	HILLYER BRANCH AT UNNAMED HILLYER BRANCH ROAD OFF S-19-75 3.5 MI NE OF TRENTON	RS-03344	EDGEFIELD	AL	PH
2012		EDISTO	030502040107	SHAW CREEK AT S-02-26 4.2 MI NE AIKEN	E-094	AIKEN	AL	PH

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2010	*	EDISTO	030502040109	S FORK EDISTO RVR AT S-02-152	E-113	AIKEN	REC	FC
2023		EDISTO	030502040207	SOUTH EDISTO RIVER @ AIKEN STATE PARK	E-585	AIKEN	FISH	HG
2023		EDISTO	030502040207	SOUTH EDISTO RIVER @ KEADLE'S BRIDGE	E-600	AIKEN	FISH	HG
2023		EDISTO	030502040305	WINDY HILL CRK. AT SR 38	E-029	BARNWELL	AL	PH
2023		EDISTO	030502040307	SOUTH EDISTO RIVER @ HWY 39 LANDING	E-011	BARNWELL	FISH	HG
2023		EDISTO	030502040308	HAYS MILL CREEK AT SC 70	RS-08270	BAMBERG	REC	FC
2015		EDISTO	030502040309	ROBERTS SWAMP AT SR 690	E-592	ORANGEBURG	AL	BIO
2023		EDISTO	030502040311	SOUTH EDISTO RIVER @ BOBCAT LANDING	E-500	BAMBERG	FISH	HG
2023		EDISTO	030502040311	SOUTH EDISTO RIVER @ SC 365	E-501	BAMBERG	FISH	HG
2010	*	EDISTO	030502050101	LITTLE BULL CK CK AT SC 33-BL UTICA TOOL CO	E-076	ORANGEBURG	AL	PH
2017		EDISTO	030502050101	GRAMBLING CRK. AT SR 154	E-589	ORANGEBURG	AL	BIO
2017		EDISTO	030502050101	BULL SWAMP AT SR 65	E-590	ORANGEBURG	AL	BIO
2015		EDISTO	030502050105	GOODBYS SWAMP AT US 176 6 M SW OF ELLOREE	RS-01036	ORANGEBURG	AL	BIO
2023		EDISTO	030502050107	COW CASTLE CK AT S-38-170	E-050	ORANGEBURG	AL	NH3N
2023		EDISTO	030502050108	FOUR HOLE SWAMP @ US 301	E-048	ORANGEBURG	FISH	HG
2023		EDISTO	030502050108	FOUR HOLE SWP AT S-38-50 5.2 MI SE OF CAMERON	E-059	ORANGEBURG	FISH	HG
2011	*	EDISTO	030502050108	FOUR HOLE SWAMP AT SC 210	E-111	ORANGEBURG	REC	FC
2017		EDISTO	030502050108	UNNAMED TRIBUTARY TO FOUR HOLE SWAMP AT CO RD S-38-92 5.5 MI NE OF BOWMAN	RS-04537	ORANGEBURG	AL	BIO
2014		EDISTO	030502050108	UNNAMED TRIBUTARY TO FOUR HOLE SWAMP AT CO RD S-38-92 5.5 MI NE OF BOWMAN	RS-04537	ORANGEBURG	REC	FC
2014		EDISTO	030502050108	MILL BRANCH AT S-38-36 BETWEEN I-26 AND S-38-492 WILL HAVE TO SAMPLE FROM THE DOWNSTREAM BANK.	RS-07213	ORANGEBURG	REC	FC
2019		EDISTO	030502050202	DEAN SWAMP AT US 176	E-030	BERKELEY	REC	FC
2016		EDISTO	030502050302	PROVIDENCE SWP AT E FRONTAGE RD TO I-95 NW OF HOLLY HILL	E-051	ORANGEBURG	AL	DO
2016		EDISTO	030502050305	FOUR HOLE SWAMP AT SC 453	E-112	DORCHESTER	AL	DO
2023		EDISTO	030502050305	FOUR HOLE SWAMP AT SC 453	E-112	DORCHESTER	FISH	HG
2013		EDISTO	030502050311	4 HOLE SWP AT US 78 E OF DORCHESTER	E-100	DORCHESTER	REC	FC
2014		EDISTO	030502060101	STALEY BRANCH AT S-38-117 1 MI SSW OF ROWESVILLE	RS-07206	ORANGEBURG	REC	FC
2023		EDISTO	030502060103	EDISTO RIVER @ ZIG ZAG LANDING	E-013	BAMBERG	FISH	HG
2013		EDISTO	030502060103	EDISTO RIVER @ ZIG ZAG LANDING	E-013	BAMBERG	REC	FC
2023		EDISTO	030502060106	EDISTO RVR AT US 21	E-013A	BAMBERG	AL	CU
2013		EDISTO	030502060106	EDISTO RIVER NEAR THE END OF FISHTALE RD.	RS-06180	DORCHESTER	REC	FC
2023		EDISTO	030502060108	EDISTO RIVER @ US 15 (T COKE WEEKS LDG..)	E-014	DORCHESTER	FISH	HG

## 2010 SC List of Impaired Waters by 12-Digit HUC

TMDL TARGET DATE(S)++	NOTE	BASIN	HUC	LOCATION	STATION	COUNTY	USE	CAUSE
2013		EDISTO	030502060203	POLK SWP AT UNIMP RD S-18-180 2 MI S OF ST GEORGE	E-016	DORCHESTER	AL	DO
2013		EDISTO	030502060203	POLK SWAMP AT S-18-19	E-109	DORCHESTER	AL	DO
2016		EDISTO	030502060204	INDIAN FIELD SWAMP AT S-18-19	E-032	DORCHESTER	AL	DO
2023		EDISTO	030502060301	EDISTO RIVER @ MARS OLDFIELD	E-601	COLLETON	FISH	HG
2023		EDISTO	030502060302	EDISTO RIVER @ SC 61 (GIVHANS FERRY LDG.)	E-015	DORCHESTER	FISH	HG
2023		EDISTO	030502060302	EDISTO RIVER @ GOOD HOPE LANDING	E-602	COLLETON	FISH	HG
2023		EDISTO	030502060303	EDISTO RIVER @ SULLIVANS FERRY	E-087	COLLETON	FISH	HG
2023		EDISTO	030502060304	EDISTO RIVER ABOVE HWY 17 (MARTINS LANDING)	CSTL-589	CHARLESTON	FISH	HG
2023		EDISTO	030502060304	EDISTO RIVER BELOW HWY 17 (WEST BANK LDG..)	MD-119	COLLETON	FISH	HG
2023		EDISTO	030502060305	PENNY CREEK	CSTL-591	CHARLESTON	FISH	HG
2023		EDISTO	030502060306	EDISTO RIVER @ WILLTOWN BLUFF	CSTL-590	CHARLESTON	FISH	HG
2021		EDISTO	030502060307	ST. PIERRE CREEK AT PETERS PT.	13-04	CHARLESTON	SHELLFISH	FC
2021		EDISTO	030502060307	FISHING CREEK AT SANDY CREEK CONFLUENCE OF SHINGLE CREEK AND BAILEY CREEK (D7-01)	13-05	CHARLESTON	SHELLFISH	FC
2021		EDISTO	030502060307	STORE CREEK OPPOSITE HOUSE WITH DOCKS ON RIGHT	13-07	CHARLESTON	SHELLFISH	FC
2021		EDISTO	030502060307	FISHING CREEK AT POLLUTION LINE	13-10	COLLETON	SHELLFISH	FC
2021		EDISTO	030502060307	SHINGLE CREEK AND MILTON CREEK CONFLUENCE	13-28	CHARLESTON	SHELLFISH	FC
2021		EDISTO	030502060307	BAILEY CREEK, FIRST BEND ADJACENT TO BLUFF ON BAILEY ISLAND (NEAR CONFLUENCE WITH ST. PIERRE CREEK) (C7-01)	13-29	CHARLESTON	SHELLFISH	FC
2021		EDISTO	030502060307	BAILEY CREEK AT CONFLUENCE WITH UNNAMED TRIBUTARY NEAR SOUTHWESTERN POINT OF SCANAWAH ISLAND (C7-01)	13-30	CHARLESTON	SHELLFISH	FC
2021		EDISTO	030502060308	SCOTT CREEK AT THE MOUND	13-01	COLLETON	SHELLFISH	FC
2021		EDISTO	030502060308	ALLIGATOR CREEK AND S. FORK EDISTO RVR NORTHERN CONFLUENCE	13-20	CHARLESTON	SHELLFISH	FC
2010	*	EDISTO	030502060308	SCOTT CREEK, HEADWATERS AT JEREMY INLET AT BOAT LANDING	13-22	COLLETON	SHELLFISH	FC
2010	*	EDISTO	030502060308	JEREMY INLET AT ATLANTIC OCEAN	13-23	COLLETON	SHELLFISH	FC
2021		EDISTO	030502060308	FRAMPTON INLET AT NORTH END OF JEREMY CAY	13-24	CHARLESTON	SHELLFISH	FC
2021		EDISTO	030502060308	BAILEY CREEK AT CONFLUENCE WITH SOUTH EDISTO RIVER	13-31	CHARLESTON	SHELLFISH	FC
2012	#	EDISTO	030502060308	S EDISTO RVR AT NORTHERN CONFLUENCE WITH ALLIGATOR CREEK (13-20)	MD-260	CHARLESTON	AL	TURBIDITY
2016, 2012		EDISTO	030502060308	SOUTH EDISTO RIVER, 1 M MW OF EDISTO BEACH	RO-01123	COLLETON	AL	NH3N, TURBIDITY
2023		EDISTO	030502060308	SOUTH EDISTO RIVER 0.7 MILES SOUTHWEST OF BIG BAY CREEK	RO-08355	COLLETON	AL	TURBIDITY
2011	*	EDISTO	030502060401	TOOGOODOO CREEK LOWER, AT PUBLIC BOAT RAMP	12B-35	CHARLESTON	SHELLFISH	FC
2011	*	EDISTO	030502060401	TOOGOODOO CREEK AT THE SECOND BEND PAST THE CONFLUENCE WITH LOWER TOOGOODOO CREEK	12B-45	CHARLESTON	SHELLFISH	FC
2020		EDISTO	030502060402	STONO RIVER (AIWW) AT MARKER #63	11-15	CHARLESTON	SHELLFISH	FC
2011	*	EDISTO	030502060402	RAVEN POINT CREEK AT CONFLUENCE WITH CHURCH CREEK	12A-29	CHARLESTON	SHELLFISH	FC

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2011	*	EDISTO	030502060402	CHURCH CREEK AT DRAINAGE DISCHARGE 1/8 MILE EAST OF POWER LINES, NORTH BANK OF	12A-38	CHARLESTON	SHELLFISH	FC
2011	*	EDISTO	030502060402	PINE CREEK AT FIRST FORK	12A-40	CHARLESTON	SHELLFISH	FC
2011	*	EDISTO	030502060402	CHURCH CREEK AND NEW CUT CONFLUENCE	12A-41	CHARLESTON	SHELLFISH	FC
2023		EDISTO	030502060402	YONGES ISLAND CREEK, MARKER #90 (12-03)	MD-261	CHARLESTON	AL	NH3N
2022		EDISTO	030502060403	UNNAMED CREEK TO LEADENWAH CREEK 3.7 MI NW OF ROCKVILLE	RT-052099	CHARLESTON	AL	TURBIDITY
2011	*	EDISTO	030502060404	BOHICKET CREEK AT FICKLING CREEK	12A-13	CHARLESTON	SHELLFISH	FC
2011	*	EDISTO	030502060404	S.C. HIGHWAY 700 BRIDGE OVER BOHICKET CREEK	12A-14	CHARLESTON	SHELLFISH	FC
2011	*	EDISTO	030502060404	BOHICKET CREEK OPPOSITE HOOPSTICK ISLAND	12A-20	CHARLESTON	SHELLFISH	FC
2011	*	EDISTO	030502060404	BOHICKETT CREEK OPPOSITE OLD DAM BEHIND RAST HOUSE RESTAURANT	12A-21	CHARLESTON	SHELLFISH	FC
2011	*	EDISTO	030502060404	BOHICKETT CREEK OPPOSITE BOY SCOUT CAMP	12A-22	CHARLESTON	SHELLFISH	FC
2011	*	EDISTO	030502060404	CHURCH CREEK ~ 350 YDS WEST S.C. HWY.700 BRIDGE	12A-39	CHARLESTON	SHELLFISH	FC
2016		EDISTO	030502060404	CHURCH CR AT SC 700 1 MI SW OF CEDAR SPRINGS	MD-195	CHARLESTON	AL	DO
2016		EDISTO	030502060404	BOHICKET CK AT FICKLING CK	MD-209	CHARLESTON	AL	DO
2016		EDISTO	030502060404	BOHICKET CK 3 MI SW SC 700 BRIDGE	RO-036041	CHARLESTON	AL	DO
2010	*	EDISTO	030502060405	SAND CREEK BRIDGE AT HIGHWAY 174	12B-47	CHARLESTON	SHELLFISH	FC
2010	*	EDISTO	030502060405	SAND CREEK AT INTAKE TO WESTENDORF CLAM FARM	12B-50	CHARLESTON	SHELLFISH	FC
2010	*	EDISTO	030502060405	DAWHO RIVER, MARKER #126	12B-53	CHARLESTON	SHELLFISH	FC
2016		EDISTO	030502060405	DAWHO RVR AT SC 174 9 MI N OF EDISTO BCH SP	MD-120	CHARLESTON	AL	DO
2023		EDISTO	030502060405	NORTH EDISTO RIVER 200 YARDS FROM THE MOUTH OF WEST BANK CREEK	RO-08343	CHARLESTON	AL	TURBIDITY
2016, 2012		EDISTO	030502060405	DAWHO RIVER, 10.5 M N OF EDISTO BEACH	RT-01665	CHARLESTON	AL	DO, TURBIDITY
2012		EDISTO	030502060405	FISHING CK NEAR JEHOSSIE ISLAND	RT-02005	CHARLESTON	AL	TURBIDITY
2023		EDISTO	030502060405	DAWHO RIVER 0.2 MI US OF CONFLUENCE WITH NORTH CREEK/ICWW	RT-07055	CHARLESTON	REC	FC
2023		PEEDEE	030402010402	THOMPSON CRK. AT SC 109	PD-673	CHESTERFIELD	AL	PH
2012		PEEDEE	030402010402	CLAY CREEK AT S-13-55	RS-02305	CHESTERFIELD	AL	DO
2012		PEEDEE	030402010403	DEEP CREEK 75 FT UPSTREAM OF SC 9, 5.5 M W OF CHESTERFIELD	RS-01013	CHESTERFIELD	AL	TURBIDITY
2015		PEEDEE	030402010407	NORTH PRONG CRK. AT SC 102	PD-677	CHESTERFIELD	AL	BIO
2012		PEEDEE	030402010501	WESTFIELD CREEK AT US 52	PD-339	CHESTERFIELD	AL	PH
2015		PEEDEE	030402010501	WESTFIELD CREEK AT SR 62	PD-641	CHESTERFIELD	AL	BIO
2019, 2019		PEEDEE	030402010504	GREAT PEE DEE RIVER @ SC 9/US 1	PD-012	CHESTERFIELD	AL	CU, PB
2023		PEEDEE	030402010504	GREAT PEE DEE RIVER @ SC 9/US 1	PD-012	CHESTERFIELD	FISH	HG
2023		PEEDEE	030402010506	LIGHTWOOD KNOT CRK. @ SR 166	PD-713	MARLBORO	AL	BIO
2023, 2023		PEEDEE	030402010506	LAKE WALLACE EAST SHORE NEAR PICNIC AREA	RL-05398	MARLBORO	AL	CHLA, TP
2023		PEEDEE	030402010510	GREAT PEE DEE RVR AT US 15 & 401	PD-015	DARLINGTON	FISH	HG
2023		PEEDEE	030402010606	LAKE HB ROBINSON	PD-327	CHESTERFIELD	FISH	HG

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2010	*	PEEDEE	030402010702	BOGGY SWAMP AT S-16-50 4.9 MI NE OF HARTSVILLE	RS-03507	DARLINGTON	REC	FC
2023		PEEDEE	030402010704	SNAKE BR AT WOODMILL ST-HARTSVILLE	PD-137	DARLINGTON	REC	FC
2010	*	PEEDEE	030402010704	SNAKE BR AT RR AVE IN HARTSVILLE	PD-258	DARLINGTON	REC	FC
2018		PEEDEE	030402010704	BLACK CREEK NEAR DIRT ROAD OFF COUNTY RD 41, 6 M NE OF HARTSVILLE	RS-01043	DARLINGTON	AL	CU
2016		PEEDEE	030402010707	60" TILE DISCHARGING TO DITCH ACROSS RD AT DARLINGTON STP	PD-141	DARLINGTON	AL	NH3N
2010	*	PEEDEE	030402010707	60" TILE DISCHARGING TO DITCH ACROSS RD AT DARLINGTON STP	PD-141	DARLINGTON	REC	FC
2018		PEEDEE	030402010707	TRIBUTARY TO SWIFT CREEK AT COUNTY RD 213 JUST NORTH OF DARLINGTON	RS-01023	DARLINGTON	AL	CU
2010	*	PEEDEE	030402010707	TRIBUTARY TO SWIFT CREEK AT COUNTY RD 213 JUST NORTH OF DARLINGTON	RS-01023	DARLINGTON	REC	FC
2018		PEEDEE	030402010709	BLACK CK AT US 401 & 52 6 MI NW DARLINGTON	PD-024A	DARLINGTON	AL	CU
2023		PEEDEE	030402010710	BLACK CREEK AT SC 327	PD-078	FLORENCE	REC	FC
2023		PEEDEE	030402010710	BLACK CREEK @ SC 327	PD-623	FLORENCE	FISH	HG
2020, 2020		PEEDEE	030402010710	ASHBY BRANCH AT CULVERT ON S-21-1511(CLARK ST) WHICH IS NEXT TO QUINBY UNITED METHODIST CHURCH	RS-06027	FLORENCE	AL	DO, PH
2010	*	PEEDEE	030402010710	ASHBY BRANCH AT CULVERT ON S-21-1511(CLARK ST) WHICH IS NEXT TO QUINBY UNITED METHODIST CHURCH	RS-06027	FLORENCE	REC	FC
2023		PEEDEE	030402010802	BUCKHOLTZ CREEK @ UNPAVED RD OFF S-16-41	PD-637	DARLINGTON	AL	BIO
2023		PEEDEE	030402010805	GREAT PEE DEE RIVER @ BLUE'S LANDING	PD-242	MARLBORO	FISH	HG
2023		PEEDEE	030402010808	GREAT PEE DEE RIVER @ SC 34	PD-028	DARLINGTON	FISH	HG
2023		PEEDEE	030402010810	LOUTHER'S LAKE	PD-666	DARLINGTON	FISH	HG
2012		PEEDEE	030402010901	MIDDLE SWP AT SC 51 3.5 MI SSE OF FLORENCE	PD-230	FLORENCE	AL	DO
2019		PEEDEE	030402010902	JEFFRIES CK AT SC 340 6.8 MI SSW OF DARLINGTON	PD-255	DARLINGTON	AL	DO
2019		PEEDEE	030402010902	JEFFRIES CK AT S-21-112 4.8 MI W OF FLORENCE	PD-256	FLORENCE	AL	DO
2011	*	PEEDEE	030402010902	JEFFRIES CK AT S-21-112 4.8 MI W OF FLORENCE	PD-256	FLORENCE	REC	FC
2015		PEEDEE	030402010902	JEFFRIES CREEK AT S-16-13	PD-639	DARLINGTON	AL	BIO
2023		PEEDEE	030402010903	POLK SWAMP AT S-21-918 (OLD WALLACE RD) 5.75 MI ESE OF FLORENCE	RS-07205	FLORENCE	REC	FC
2010	*	PEEDEE	030402010904	WILLOW CREEK AT S-21-57	PD-167	FLORENCE	REC	FC
2015		PEEDEE	030402010904	WILLOW CREEK AT SC 327	PD-630	FLORENCE	AL	BIO
2023		PEEDEE	030402010905	JEFFERIES CK AT SC 327 AT CLAUSSEN	PD-035	FLORENCE	REC	FC
2023		PEEDEE	030402011003	GREAT PEE DEE RIVER @ HWY 301	PD-337	FLORENCE	FISH	HG
2016		PEEDEE	030402011102	SMITH SWP AT US 501 1.9 MI SSE OF MARION	PD-187	MARION	AL	DO
2016		PEEDEE	030402011102	SMITH SWP AT S-34-19 1 MI E OF MARION	PD-320	MARION	AL	DO

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2012		PEEDEE	030402011105	CATFISH CANAL AT S-34-34 6 MI SW OF MARION	PD-097	MARION	AL	DO
2023		PEEDEE	030402011201	GREAT PEE DEE RIVER @ DEWITT BLUFF	PD-622	FLORENCE	FISH	HG
2023		PEEDEE	030402011202	GREAT PEE DEE RIVER @ POSTON (ELLISON'S)	PD-076	FLORENCE	FISH	HG
2023		PEEDEE	030402011202	GREAT PEE DEE RIVER @ BOSTICK	PD-662	FLORENCE	FISH	HG
2018		PEEDEE	030402020101	HILLS CREEK AT S-13-105	PD-333	CHESTERFIELD	AL	BIO
2018		PEEDEE	030402020103	NORTH BRANCH OF WILDCAT CRK. AT SR 178	PD-679	LANCASTER	AL	BIO
2018	#	PEEDEE	030402020104	FLAT CR. AT US 601	PD-182	LANCASTER	AL	BIO
2018	#	PEEDEE	030402020104	FLAT CREEK AT S-29-99	RS-08233	LANCASTER	AL	BIO
2018		PEEDEE	030402020105	HILLS CREEK AT S-13-545	PD-366	CHESTERFIELD	AL	BIO
2011	*	PEEDEE	030402020201	HORTON CREEK AT S-29-95	PD-335	LANCASTER	REC	FC
2018		PEEDEE	030402020201	LITTLE LYNCHES R. AT SR 88	PD-640	LANCASTER	AL	BIO
2023		PEEDEE	030402020202	HANGING ROCK CRK. AT SR 770	PD-669	LANCASTER	AL	PH
2011	*	PEEDEE	030402020202	UNNAMED TRIBUTARY TO HANGING ROCK CREEK AT CULVERT ON CO RD S-29-773. 3.25 MI SSE OF KERSHAW.	RS-04549	LANCASTER	REC	FC
2011	*	PEEDEE	030402020203	LITTLE LYNCHES RVR AT US 601 2 MI NE KERSHAW	PD-006	LANCASTER	REC	FC
2018		PEEDEE	030402020203	LITTLE LYNCHES R. AT SC 157	PD-632	LANCASTER	AL	BIO
2017		PEEDEE	030402020206	LITTLE LYNCHES RIVER AT S-28-42	PD-343	KERSHAW	AL	PH
2014	#	PEEDEE	030402020301	FORK CK AT UN# RD 1.5 MI SW JEFFERSON	PD-068	CHESTERFIELD	AL	BIO
2014	#	PEEDEE	030402020301	LITTLE FORK CRK. AT CO.RD. 39 UPSTREAM OF BREWER GOLD MINE	PD-647	CHESTERFIELD	AL	BIO
2012		PEEDEE	030402020403	NEWMAN SWP AT S-16-449 0.9 MI NE OF LAMAR	PD-229	DARLINGTON	AL	DO
2011	*	PEEDEE	030402020405	SPARROW SWP AT S-16-697 2.5 MI E OF LAMAR	PD-072	DARLINGTON	REC	FC
2018, 2018, 2018		PEEDEE	030402020405	SPARROW SWAMP AT US 76 1.1 MI SOUTHWEST OF TIMMONSVILLE. SITE IS A USGS GAUGING SITE.	RS-04548	FLORENCE	AL	CR, CU, NI
2018		PEEDEE	030402020406	LAKE SWAMP AT S-21-38	PD-345	FLORENCE	REC	FC
2023		PEEDEE	030402020408	SPARROW SWAMP AT S-21-55 NR JOHNSONS CROSSROADS	PD-332	FLORENCE	REC	FC
2023		PEEDEE	030402020503	LYNCHES RIVER @ HWY 15	PD-071	LEE	FISH	HG
2012		PEEDEE	030402020503	COUSAR BR 1/4 MI BELOW BISHOPVILLE FINISHING CO	PD-112	LEE	AL	PH
2023		PEEDEE	030402020503	COUSAR BR 1/4 MI BELOW BISHOPVILLE FINISHING CO	PD-112	LEE	REC	FC
2023		PEEDEE	030402020504	LYNCHES RIVER @ SC 401	PD-364	LEE	FISH	HG
2023		PEEDEE	030402020504	LYNCHES RIVER @ SC 401	PD-364	LEE	REC	FC
2012		PEEDEE	030402020601	CAMP BRANCH AT S-21-278	PD-346	FLORENCE	AL	DO
2014		PEEDEE	030402020602	SINGLETON SWAMP AT S-21-67	PD-314	FLORENCE	AL	DO

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2012		PEEDEE	030402020602	SINGLETON SWAMP AT S-21-67	PD-314	FLORENCE	REC	FC
2023		PEEDEE	030402020603	LAKE SWAMP AT US 378	PD-085	FLORENCE	AL	DO
2018		PEEDEE	030402020603	LAKE SWAMP ON SC 341	PD-086A	FLORENCE	AL	DO
2023		PEEDEE	030402020603	LAKE SWAMP ON SC 341	PD-086A	FLORENCE	REC	FC
2012		PEEDEE	030402020701	LYNCHES RVR AT US 52 NEAR EFFINGHAM	PD-041	FLORENCE	AL	PH
2023		PEEDEE	030402020701	LYNCHES RVR AT US 52 NEAR EFFINGHAM	PD-041	FLORENCE	REC	FC
2023		PEEDEE	030402020701	LYNCHES RIVER @ US 52	PD-624	FLORENCE	FISH	HG
2012		PEEDEE	030402020703	BIG SWP AT US 378 & SC 51 0.9 MI W OF SALEM	PD-169	FLORENCE	AL	DO
2017		PEEDEE	030402020704	LYNCHES RVR AT S-21-49 5 MI NW JOHNSONVILLE	PD-281	FLORENCE	AL	PH
2023		PEEDEE	030402020705	LYNCHES RIVER @ JOHNSONVILLE	PD-048	FLORENCE	FISH	HG
2012		PEEDEE	030402031302	BEAR SWAMP AT S-17-56	PD-368	DILLON	AL	DO
2023		PEEDEE	030402031404	LUMBER RIVER @ RICEFIELD COVE	PD-038	HORRY	FISH	HG
2023		PEEDEE	030402031404	LUMBER RIVER @ CAUSEY LANDING	PD-664	HORRY	FISH	HG
2023		PEEDEE	030402040106	PANTHER CK AT S-35-27	PD-016	MARLBORO	AL	DO
2013		PEEDEE	030402040404	BUCK SWAMP AT S-17-42	PD-349	DILLON	AL	DO
2010	*	PEEDEE	030402040404	BUCK SWAMP AT S-17-42	PD-349	DILLON	REC	FC
2023		PEEDEE	030402040504	LITTLE PEE DEE RIVER @ MOCOCASIN'S BLUFF	PD-283	DILLON	FISH	HG
2023		PEEDEE	030402040506	LITTLE PEE DEE RIVER @ DILLON COUNTY PARK	PD-030A	DILLON	FISH	HG
2023		PEEDEE	030402040506	LITTLE PEE DEE RIVER @ FLOYDALE BRIDGE	PD-618	DILLON	FISH	HG
2023		PEEDEE	030402040508	LITTLE PEE DEE RIVER @ GILCREST LANDING	PD-053	MARION	FISH	HG
2022		PEEDEE	030402040601	BOB'S BRANCH AT BRIDGE ON S-26-637 2.2 MI N OF GREEN SEA	RS-06009	HORRY	AL	DO
2013		PEEDEE	030402040604	LOOSING SWAMP AT S-26-23 3.7 MI NE OF AYNOR	RS-03513	HORRY	AL	DO
2012		PEEDEE	030402040801	CEDAR CREEK AT S-26-23	PD-351	HORRY	AL	DO
2023		PEEDEE	030402040803	LITTLE PEE DEE RIVER @ SANDY BLUFF	PD-054	HORRY	FISH	HG
2023		PEEDEE	030402040803	LITTLE PEE DEE RIVER @ RED BLUFF	PD-654	MARION	FISH	HG
2023		PEEDEE	030402040803	WHITE OAK CREEK AT US 76 SITE IS LOCATED AT THE TOWN OF MULLINGS CITY LIMITS SIGN NEXT TO SMITHBORO FURNITURE.	RS-08229	MARION	REC	FC
2023		PEEDEE	030402040804	LITTLE PEE DEE RIVER @ GALAVANTS FERRY	PD-619	MARION	FISH	HG
2023		PEEDEE	030402040804	LITTLE PEE DEE RIVER @ DAVIS LANDING	PD-655	MARION	FISH	HG
2023		PEEDEE	030402040808	LITTLE PEE DEE RIVER @ LOCUST TREE LANDING	PD-656	MARION	FISH	HG
2023		PEEDEE	030402040808	LITTLE PEE DEE RIVER @ GUNTER'S LAKE	PD-657	HORRY	FISH	HG
2023		PEEDEE	030402040808	LITTLE PEE DEE @ HUGHES LANDING	PD-691	HORRY	FISH	HG
2023		PEEDEE	030402040810	LITTLE PEE DEE RIVER @ PUNCHBOWL LAND	PD-350	HORRY	FISH	HG



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TMDL TARGET DATE(S)++	NOTE	BASIN	HUC	LOCATION	STATION	COUNTY	USE	CAUSE
2023		PEEDEE	030402040810	LITTLE PEE DEE RIVER @ HWY 378	PD-620	HORRY	FISH	HG
2023		PEEDEE	030402040810	LITTLE PEE DEE RIVER @ SAMPSON LANDING	PD-658	MARION	FISH	HG
2023		PEEDEE	030402040810	RUSS CREEK @ PARKERS LANDING	PD-665	MARION	FISH	HG
2017		PEEDEE	030402050103	BEAVER DAM CREEK AT S-31-313	PD-636	LEE	AL	BIO
2013		PEEDEE	030402050104	MECHANICSVILLE SWAMP AT S-31-500	PD-356	LEE	AL	DO
2013		PEEDEE	030402050104	MCGIRTS CREEK AT COUNTY RD 73, 7.5 M SW OF BISHOPVILLE	RS-01017	LEE	AL	DO
2012, 2012		PEEDEE	030402050203	UNNAMED DRAINAGE CANAL TO ATKINS CANAL AT SC 527 (3/4 MI N OF US 76)	PD-354	LEE	AL	DO, PH
2023		PEEDEE	030402050205	BLACK RIVER AT S-43-57	PD-353	SUMTER	REC	FC
2012		PEEDEE	030402050301	GREEN SWP AT S-43-33	PD-039	SUMTER	AL	DO
2012		PEEDEE	030402050302	NASTY BR AT S-43-251 7.5 MI SW OF SUMTER	PD-239	SUMTER	AL	DO
2022, 2022		PEEDEE	030402050303	BRUNSON SWAMP CREEK AT S-43-251 - 1.3 MI W OF SC 120 - 9.25 MI SW SUMTER	RS-03345	SUMTER	AL	DO, PH
2013		PEEDEE	030402050303	BRUNSON SWAMP CREEK AT S-43-251 - 1.3 MI W OF SC 120 - 9.25 MI SW SUMTER	RS-03345	SUMTER	REC	FC
2023, 2023		PEEDEE	030402050401	TURKEY CREEK	PD-040	SUMTER	AL	DO, NH3N
2023		PEEDEE	030402050401	TURKEY CREEK	PD-040	SUMTER	FISH	HG
2013		PEEDEE	030402050401	POCOTALIGO RVR AT US 15 3.5 MI S SUMTER	PD-091	SUMTER	AL	DO
2023		PEEDEE	030402050401	POCOTALIGO RVR AT S-43-32 9 MI SSE OF SUMTER	PD-202	SUMTER	REC	FC
2023		PEEDEE	030402050401	BRIAR BRANCH AT S-43-459	PD-617	SUMTER	AL	PH
2017		PEEDEE	030402050404	BIG BR. AT SC 261	PD-627	CLARENDON	AL	BIO
2023		PEEDEE	030402050404	BIG BRANCH AT INTERSECTION OF US 521 AND MAIN STREET IN ALCOLU	RS-07192	CLARENDON	REC	FC
2022, 2022		PEEDEE	030402050406	DEEP CREEK AT S-14-25 AND 1.2 MI NE OF BLOOMVILLE	RS-03347	CLARENDON	AL	DO, PH
2011	*	PEEDEE	030402050406	DEEP CREEK AT S-14-25 AND 1.2 MI NE OF BLOOMVILLE	RS-03347	CLARENDON	REC	FC
2011	*	PEEDEE	030402050407	POCOTALIGO RVR AT S-14-50 9.5 MI NE MANNING	PD-043	CLARENDON	AL	DO
2023		PEEDEE	030402050407	POCOTALIGO RVR AT S-14-50 9.5 MI NE MANNING	PD-043	CLARENDON	FISH	HG
2013		PEEDEE	030402050407	POCOTALIGO RVR AT S-14-50 9.5 MI NE MANNING	PD-043	CLARENDON	REC	FC
2013		PEEDEE	030402050407	POCOTALIGO RVR AT 3RD BRDG N OF MANNING ON US 301	PD-115	CLARENDON	REC	FC
2013		PEEDEE	030402050407	UNNAMED TRIB TO JUNE BURN BRANCH AT CULVERT ON S-14-123 (ALDERMAN CAMP RD) JUST WEST OF HOUSE #1819	RS-08232	CLARENDON	REC	FC
2012		PEEDEE	030402050502	DOUGLAS SWAMP OFF THIGPEN ROAD BEHIND WHITE HOUSE, 3.5 M E OF TURBEVILLE	RS-01002	FLORENCE	AL	DO
2020		PEEDEE	030402050503	HORSE BRANCH AT S-14-106 1.2 MI SE OF TURBEVILLE	RS-05557	CLARENDON	REC	FC
2023		PEEDEE	030402050505	PUDDING SWP AT SC 527 8.1 MI NW OF KINGSTREE	PD-203	WILLIAMSBURG	REC	FC
2012		PEEDEE	030402050603	BLACK RVR AT S-14-40 E OF MANNING	PD-116	CLARENDON	AL	DO
2012		PEEDEE	030402050603	BLACK RVR AT S-14-40 E OF MANNING	PD-116	CLARENDON	REC	FC

## 2010 SC List of Impaired Waters by 12-Digit HUC

TMDL TARGET DATE(S)++	NOTE	BASIN	HUC	LOCATION	STATION	COUNTY	USE	CAUSE
2023		PEEDEE	030402050701	WACCAMAW RVR AT S-26-105 REEVES FERRY ROAD	PD-369	HORRY	REC	FC
2012		PEEDEE	030402050701	CLAPP SWAMP AT SC 527	RS-02325	WILLIAMSBURG	AL	DO
2023		PEEDEE	030402050710	BLACK RIVER @ KINGSTREE	PD-044	WILLIAMSBURG	FISH	HG
2012		PEEDEE	030402050805	BLACK MINGO CREEK AT S-45-121	PD-360	WILLIAMSBURG	AL	DO
2023		PEEDEE	030402050806	MINGO CREEK	PD-172	GEORGETOWN	FISH	HG
2016		PEEDEE	030402050806	SMITH SWAMP AT BRIDGE ON SC 51 12.2 MI S OF HEMINGWAY	RS-06189	GEORGETOWN	AL	DO
2015		PEEDEE	030402050903	SPRING GULLY AT BRIDGE ON US 521 3.8 MI NE OF TRIO	RS-04533	WILLIAMSBURG	AL	BIO
2023		PEEDEE	030402050906	BLACK RIVER @ PINE TREE LANDING	PD-046	GEORGETOWN	FISH	HG
2012		PEEDEE	030402050906	BLACK RVR AT SC 51 11.6 MI NE OF ANDREWS	PD-170	GEORGETOWN	AL	DO
2023		PEEDEE	030402050906	BLACK RVR AT SC 51 11.6 MI NE OF ANDREWS	PD-170	GEORGETOWN	FISH	HG
2023		PEEDEE	030402050906	BLACK RIVER @ PUMPHOUSE LANDING	PD-626	WILLIAMSBURG	FISH	HG
2023		PEEDEE	030402050906	BLACK RIVER @ OLD PUMP STATION	PD-659	GEORGETOWN	FISH	HG
2023		PEEDEE	030402050906	BLACK RIVER @ PEA HOUSE LANDING	PD-692	GEORGETOWN	FISH	HG
2011	*	PEEDEE	030402050908	GREENS CREEK AT S-22-318 (JOHNSON ROAD) 7.7 MI NW OF GEORGETOWN	RS-03353	GEORGETOWN	REC	FC
2023		PEEDEE	030402050909	BLACK RIVER @ PETER'S CREEK	PD-171	GEORGETOWN	FISH	HG
2023		PEEDEE	030402050909	BLACK RIVER @ ROCKY POINT	PD-660	GEORGETOWN	FISH	HG
2023		PEEDEE	030402050910	BLACK RIVER @ PRINGLE'S FERRY	PD-661	GEORGETOWN	FISH	HG
2023		PEEDEE	030402060704	WACCAMAW RVR AT SC 9 7.0 MI W OF CHERRY GROVE	MD-124	HORRY	FISH	HG
2021		PEEDEE	030402060802	HELLHOLE SWAMP AT S-26-67 6.6 MI SW OF LORIS	RS-05561	HORRY	AL	DO
2022		PEEDEE	030402060803	KINGSTON LK NR PUMP STA ON LAKESIDE DR CONWAY	MD-107	HORRY	AL	DO
2011	*	PEEDEE	030402060803	KINGSTON LK NR PUMP STA ON LAKESIDE DR CONWAY	MD-107	HORRY	REC	FC
2021		PEEDEE	030402060803	CRAB TREE SWAMP AT LONG ST BL OUTFALL OF CONWAY #1 POND	MD-158	HORRY	AL	DO
2014		PEEDEE	030402060803	CRAB TREE SWAMP AT LONG ST BL OUTFALL OF CONWAY #1 POND	MD-158	HORRY	REC	FC
2021		PEEDEE	030402060803	CRAB TREE SWAMP AT BRIDGE ON US 501 1.5 MI NW OF CONWAY	RS-04375	HORRY	AL	DO
2014		PEEDEE	030402060803	CRAB TREE SWAMP AT BRIDGE ON US 501 1.5 MI NW OF CONWAY	RS-04375	HORRY	REC	FC
2023		PEEDEE	030402060902	WACCAMAW RIVER @ SC 31	CSTL-553	HORRY	FISH	HG
2023		PEEDEE	030402060902	WACCAMAW RIVER @ SEC RD 105	CSTL-554	HORRY	FISH	HG
2020		PEEDEE	030402060903	STERITT SWAMP AT BRIDGE ON UNNUMBERED DIRT RD(STERITT SWAMP RD) ACROSS FROM HORRY CO SOLID WASTE AUTHORITY 4.8 MI E OF CONWAY	RS-06165	HORRY	AL	DO
2014		PEEDEE	030402060903	STERITT SWAMP AT BRIDGE ON UNNUMBERED DIRT RD(STERITT SWAMP RD) ACROSS FROM HORRY CO SOLID WASTE AUTHORITY 4.8 MI E OF CONWAY	RS-06165	HORRY	REC	FC

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TMDL TARGET DATE(S)++	NOTE	BASIN	HUC	LOCATION	STATION	COUNTY	USE	CAUSE
2023		PEEDEE	030402060904	WACCAMAW RIVER @ SEC RD 901	CSTL-555	HORRY	FISH	HG
2023		PEEDEE	030402060905	WACCAMAW RIVER @ PITCH LANDING	CSTL-556	HORRY	FISH	HG
2023		PEEDEE	030402060905	WACCAMAW RIVER @ TODDVILLE	MD-144	HORRY	FISH	HG
2017		PEEDEE	030402060905	BEAR SWAMP AT S-26-110	PD-638	HORRY	AL	BIO
2023		PEEDEE	030402060906	INTRACOASTAL WATERWAY @ SOCASTEE	CSTL-558	HORRY	FISH	HG
2014		PEEDEE	030402060906	UNNAMED TRIBUTARY TO INTERCOASTAL WATERWAY AT SC 707 1.2 MI ENE OF SOCASTEE & SC 544	RS-03332	HORRY	REC	FC
2023		PEEDEE	030402060907	WACCAMAW RIVER @ PEACH TREE	MD-136	HORRY	FISH	HG
2023		PEEDEE	030402060907	WACCAMAW RIVER @ BUCKSVILLE	MD-145	HORRY	FISH	HG
2023		PEEDEE	030402061002	WACCAMAW RIVER @ BUCKSPORT LANDING	CSTL-557	HORRY	FISH	HG
2023		PEEDEE	030402061002	WACCAMAW RIVER @ WACCA WACHE LANDING	MD-138	GEORGETOWN	FISH	HG
2023		PEEDEE	030402061003	WACCAMAW RIVER @ SANDY ISLAND	MD-140	GEORGETOWN	FISH	HG
2023		PEEDEE	030402061003	WACCAMAW RIVER @ HAGLEY LANDING	MD-141	GEORGETOWN	FISH	HG
2016		PEEDEE	030402070103	SAMPIT RVR BTWN MOUTHS OF PORTS CK & PENNY ROYAL CK	MD-075	GEORGETOWN	AL	DO
2016, 2016	#	PEEDEE	030402070106	SAMPIT RVR OPP AMER CYANAMID CHEM CO	MD-073	GEORGETOWN	AL	DO, PH
2016, 2016	#	PEEDEE	030402070106	SAMPIT RVR AT CHANNEL MARKER #30	MD-074	GEORGETOWN	AL	DO, PH
2016	#	PEEDEE	030402070106	SAMPIT RVR AT US 17	MD-077	GEORGETOWN	AL	DO
2016		PEEDEE	030402070106	WHITES CK 100 YDS UPSTRM OF JCT WITH SAMPIT RVR	MD-149	GEORGETOWN	AL	DO
2023		PEEDEE	030402070106	SAMPIT RIVER APPROXIMATELY 1.4 MILES WEST OF US 17 BRIDGE	PD-628	GEORGETOWN	FISH	HG
2023		PEEDEE	030402070203	CLARKS CREEK @ SNOW LAKE	PD-317	WILLIAMSBURG	FISH	HG
2023		PEEDEE	030402070203	GREAT PEE DEE RIVER @ STAPLES LAKE	PD-621	WILLIAMSBURG	FISH	HG
2023		PEEDEE	030402070204	PEE DEE RVR AT PETERS FIELD LANDING OFF S-22-36 US IP PUMP STATION	PD-060	GEORGETOWN	FISH	HG
2023		PEEDEE	030402070205	GREAT PEE DEE RIVER ABOVE HWY 701 BRIDGE	CSTL-559	HORRY	FISH	HG
2023, 2023	#	PEEDEE	030402070207	WINYAH BAY AT JCT OF PEE DEE & WACCAMAW AT MARKER 92	MD-080	GEORGETOWN	AL	DO, PH
2023		PEEDEE	030402070207	GREAT PEE DEE RIVER @ SAMWORTH WMA	PD-663	GEORGETOWN	FISH	HG
2019		PEEDEE	030402070207	CYPRESS CREEK AT BRIDGE ON S-22-264 1.5 MI SE OF PLANTERSVILLE	RS-06013	GEORGETOWN	REC	FC
2014		PEEDEE	030402070208	JONES CREEK AT NANCY CREEK	05-01	GEORGETOWN	SHELLFISH	FC
2014		PEEDEE	030402070208	OYSTER BAY NEAR CUTOFF CREEK	05-05	GEORGETOWN	SHELLFISH	FC
2014		PEEDEE	030402070208	MUD BAY AT NO MAN'S FRIEND CREEK	05-06	GEORGETOWN	SHELLFISH	FC
2014		PEEDEE	030402070208	JONES CREEK AT MUD BAY	05-07	GEORGETOWN	SHELLFISH	FC
2014		PEEDEE	030402070208	WINYAH BAY MAIN CHANNEL, BUOY 19A, RANGE E	05-20	GEORGETOWN	SHELLFISH	FC
2014		PEEDEE	030402070208	WINYAH BAY, TIP OF WESTERN CHANNEL ISLAND	05-25	GEORGETOWN	SHELLFISH	FC
2018		PEEDEE	030402080301	INTRACOASTAL WTRWY (LITTLE RVR) ON SC 9 (US 17)	MD-125	HORRY	AL	CU
2023		PEEDEE	030402080301	INTRACOASTAL WATERWAY @ NORTH MYRTLE	MD-163	HORRY	FISH	HG

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TMDL TARGET DATE(S)++	NOTE	BASIN	HUC	LOCATION	STATION	COUNTY	USE	CAUSE
2014		PEEDEE	030402080305	LITTLE RIVER JETTY	01-01	HORRY	SHELLFISH	FC
2014		PEEDEE	030402080305	MOUTH OF DUNN SOUND CREEK	01-02	HORRY	SHELLFISH	FC
2014		PEEDEE	030402080305	BIG BEND UP DUNN SOUND CREEK	01-05	HORRY	SHELLFISH	FC
2014		PEEDEE	030402080305	BRIDGE TO WAITES ISLAND	01-06	HORRY	SHELLFISH	FC
2017		PEEDEE	030402080306	HOG INLET	01-07	HORRY	SHELLFISH	FC
2017		PEEDEE	030402080306	42ND AVENUE - CHERRY GROVE	01-17	HORRY	SHELLFISH	FC
2017		PEEDEE	030402080306	53RD AVENUE BRIDGE ON CANAL	01-17A	HORRY	SHELLFISH	FC
2017		PEEDEE	030402080306	DUNN SOUND AT HOG INLET	01-18	HORRY	SHELLFISH	FC
2017		PEEDEE	030402080306	MAIN CREEK AT 53RD AVENUE	01-19	HORRY	SHELLFISH	FC
2017		PEEDEE	030402080306	WHITE POINT SWASH	02-01	HORRY	SHELLFISH	FC
2017		PEEDEE	030402080306	HOUSE CK AT 53RD AVE OUT FROM BOAT LANDING (01-19)	MD-276	HORRY	AL	DO
2017		PEEDEE	030402080306	WAC-005A-7TH AVE S	WAC-005A	HORRY	REC	ENTERO
2017		PEEDEE	030402080306	WAC-09A-WHITEPOINT SWASH	WAC-009A	HORRY	REC	ENTERO
2017		PEEDEE	030402080307	SINGLETON SWASH	02-02	HORRY	SHELLFISH	FC
2017		PEEDEE	030402080307	CANEPATCH SWASH	02-03	HORRY	SHELLFISH	FC
2017		PEEDEE	030402080307	WAC-015-SINGLETON SWASH ARCADIA	WAC-015	HORRY	REC	ENTERO
2017		PEEDEE	030402080307	BEAR BRANCH SWASH	WAC-015A	HORRY	REC	ENTERO
2017		PEEDEE	030402080308	WITHERS SWASH	03-01	HORRY	SHELLFISH	FC
2017		PEEDEE	030402080308	MIDWAY SWASH - PEBBLE BEACH	03-02	HORRY	SHELLFISH	FC
2017		PEEDEE	030402080308	WAC-025A-MIDWAY SWASH	WAC-025A	HORRY	REC	ENTERO
2017		PEEDEE	030402080314	WAC-016A-CANE PATCH SWASH MB	WAC-016A	HORRY	REC	ENTERO
2017		PEEDEE	030402080314	WAC-017A-DEEP HEAD SWASH MB	WAC-017A	HORRY	REC	ENTERO
2017		PEEDEE	030402080315	WAC-020-24TH AVE NORTH MB	WAC-020	HORRY	REC	ENTERO
2017		PEEDEE	030402080315	WAC-022A-WITHERS SWASH	WAC-022A	HORRY	REC	ENTERO
2017		PEEDEE	030402080316	WAC-028-PIRATELAND SWASH	WAC-028	HORRY	REC	ENTERO
2017		PEEDEE	030402080316	WAC-29A-S OCEAN LAKES	WAC-029A	HORRY	REC	ENTERO
2017		PEEDEE	030402080316	WAC-31A-SWASH AT 5TH	WAC-031A	HORRY	REC	ENTERO
2014		PEEDEE	030402080402	DEBIDUE CREEK AT BOAT BASIN	05-13	GEORGETOWN	SHELLFISH	FC
2019		SALKEHATCHIE	030502060308	TRIB TO PINE ISLAND CK W OF PINE ISLAND	RT-02019	COLLETON	AL	CU
2022		SALKEHATCHIE	030502070103	LAKE EDGAR BROWN IN FOREBAY NEAR DAM	CL-064	BARNWELL	AL	CHLA
2022		SALKEHATCHIE	030502070103	TURKEY CK 1 MI BL MILLIKEN BARNWELL OUTFALL AT CLINTON ST.	CSTL-001B	BARNWELL	AL	ZN
2010	*	SALKEHATCHIE	030502070103	TURKEY CK 1 MI BL MILLIKEN BARNWELL OUTFALL AT CLINTON ST.	CSTL-001B	BARNWELL	REC	FC
2010	*	SALKEHATCHIE	030502070104	SALKEHATCHIE RVR AT SC 64 2 MI W OF BARNWELL	CSTL-028	BARNWELL	REC	FC
2010	*	SALKEHATCHIE	030502070110	WELLS BRCH AT SC 300	RS-02472	ALLENDALE	REC	FC
2010	*	SALKEHATCHIE	030502070111	SALKEHATCHIE RVR AT SC 278 2.5 MI S BARNWELL	CSTL-003	BARNWELL	REC	FC
2022, 2022		SALKEHATCHIE	030502070203	WHIPPY SWAMP AT S-25-13	CSTL-076	HAMPTON	AL	CU, NI

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TMDL TARGET DATE(S)++	NOTE	BASIN	HUC	LOCATION	STATION	COUNTY	USE	CAUSE
2022		SALKEHATCHIE	030502070302	LEMON CREEK AT S-05-541	CSTL-116	BAMBERG	AL	CU
2015		SALKEHATCHIE	030502070302	LEMON CREEK AT S-74	CSTL-576	BAMBERG	AL	BIO
2023		SALKEHATCHIE	030502070401	LITTLE SALKEHATCHIE @ SC 70	CSTL-566	BAMBERG	FISH	HG
2010	*	SALKEHATCHIE	030502070504	BUCKHEAD CREEK AT SC 212	CSTL-119	COLLETON	REC	FC
2022		SALKEHATCHIE	030502070504	BUCKHEAD CREEK AT US 21	RS-08076	COLLETON	REC	FC
2011	*	SALKEHATCHIE	030502070505	WILLOW SWAMP AT S-15-27	CSTL-118	COLLETON	REC	FC
2015		SALKEHATCHIE	030502070505	WILLOW CRK. AT SR 42	CSTL-570	COLLETON	AL	BIO
2011	*	SALKEHATCHIE	030502070506	LITTLE SALKEHATCHIE RIVER AT SC 64	CSTL-117	COLLETON	REC	FC
2023		SALKEHATCHIE	030502070508	LITTLE SALKEHATCHIE RIVER AT SC 63	CSTL-120	COLLETON	FISH	HG
2015		SALKEHATCHIE	030502070602	SAVANNAH CREEK AT S.R.-87	CSTL-053	BAMBERG	AL	BIO
2023		SALKEHATCHIE	030502070603	SALKEHATCHIE RIVER @ HWY 301	CSTL-048	BAMBERG	FISH	HG
2023		SALKEHATCHIE	030502070603	SALKEHATCHIE RIVER @ SC 641	CSTL-105	BAMBERG	FISH	HG
2016		SALKEHATCHIE	030502070604	RICEPATCH CRK. AT SC 63	CSTL-569	COLLETON	AL	BIO
2011	*	SALKEHATCHIE	030502070606	SALKEHATCHIE RVR AT 601 9 MI NE HAMPTON	CSTL-006	COLLETON	REC	FC
2023		SALKEHATCHIE	030502070606	SALKEHATCHIE RIVER @ US 601	CSTL-562	HAMPTON	FISH	HG
2023		SALKEHATCHIE	030502070703	CUCKHOLD'S CREEK	CSTL-592	COLLETON	FISH	HG
2016		SALKEHATCHIE	030502070704	COMBAHEE RVR AT US 17 10 MI ESE YEMASSEE	CSTL-098	BEAUFORT	AL	DO
2023		SALKEHATCHIE	030502070704	COMBAHEE RVR AT US 17 10 MI ESE YEMASSEE	CSTL-098	BEAUFORT	FISH	HG
2023		SALKEHATCHIE	030502070704	COMBAHEE RIVER @ SEC RD 756	CSTL-561	COLLETON	FISH	HG
2014		SALKEHATCHIE	030502070705	CHEHAW RVR AT OLD CHEHAW BOAT LANDING ON S-15-161	RT-02017	COLLETON	AL	ZN
2020, 2020		SALKEHATCHIE	030502070803	IRELAND CK AT S-15-116 5 1/2 MI N OF WALTERBORO	CSTL-044	COLLETON	AL	DO, PH
2010	*	SALKEHATCHIE	030502070803	IRELAND CK AT S-15-116 5 1/2 MI N OF WALTERBORO	CSTL-044	COLLETON	REC	FC
2023		SALKEHATCHIE	030502070902	CHESSIE CREEK @ CHESSIE LANDING	CSTL-070	COLLETON	FISH	HG
2019		SALKEHATCHIE	030502070903	HORSESHOE CREEK AT SC 64	CSTL-071	COLLETON	AL	ZN
2023		SALKEHATCHIE	030502070903	HORSESHOE CREEK AT SC 64	CSTL-071	COLLETON	FISH	HG
2011	*	SALKEHATCHIE	030502070903	HORSESHOE CREEK AT SC 64	CSTL-071	COLLETON	REC	FC
2015		SALKEHATCHIE	030502070903	FULLER SWAMP CRK. AT US 17A	CSTL-581	COLLETON	AL	BIO
2017		SALKEHATCHIE	030502071001	ASHEPOO RVR AT SC 303 10 MI SSW OF WALTERBORO	CSTL-068	COLLETON	AL	ZN
2012		SALKEHATCHIE	030502071001	ASHEPOO RVR AT SC 303 10 MI SSW OF WALTERBORO	CSTL-068	COLLETON	REC	FC
2017		SALKEHATCHIE	030502071002	ASHEPOO RVR AT US 17 3.4 MI ESE OF GREEN POND	CSTL-069	COLLETON	AL	DO
2023		SALKEHATCHIE	030502071002	ASHEPOO RVR AT US 17 3.4 MI ESE OF GREEN POND	CSTL-069	COLLETON	FISH	HG
2017		SALKEHATCHIE	030502071002	ASHEPOO RVR AT US 17 3.4 MI ESE OF GREEN POND	CSTL-069	COLLETON	REC	FC
2014		SALKEHATCHIE	030502071003	SCOTT CREEK, HEADWATERS AT JEREMY INLET AT BOAT LANDING	14-21	COLLETON	SHELLFISH	FC

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TMDL TARGET DATE(S)++	NOTE	BASIN	HUC	LOCATION	STATION	COUNTY	USE	CAUSE
2017	#	SALKEHATCHIE	030502071003	ASHEPOO RIVER AT S-15-26	MD-251	COLLETON	AL	TURBIDITY
2017	#	SALKEHATCHIE	030502071003	ASHEPOO RIVER AT HOLE-IN-THE-WALL OXBOW 0.5 MI SW (DOWNRIVER) OF S-15-26	RO-046071	COLLETON	AL	TURBIDITY
2012	#	SALKEHATCHIE	030502071003	ROCK CK 0.75 MI SW CONFL W/ ASHEPOO RVR	RT-032035	COLLETON	AL	TURBIDITY
2019, 2013		SALKEHATCHIE	030502071101	COOSAW RVR NEAR MOUTH OF BULL RVR	RO-02005	BEAUFORT	AL	CU, TURBIDITY
2016		SALKEHATCHIE	030502071101	WIMBEE CK 0.7 MI SE OF MOUTH OF S WIMBEE CK	RO-036037	BEAUFORT	AL	TURBIDITY
2012		SALKEHATCHIE	030502071101	TRIBUTARY TO BULL RIVER, 7.5 M NE OF BEAUFORT	RT-01643	BEAUFORT	AL	TURBIDITY
2014		SALKEHATCHIE	030502071102	LUCY POINT CREEK AT ROCKY SPRINGS CREEK	16A-13	BEAUFORT	SHELLFISH	FC
2014		SALKEHATCHIE	030502071102	LUCY POINT CREEK APPROX. 0.75 MI NE OF CONFL ROCK SPRINGS CK	16A-33	BEAUFORT	SHELLFISH	FC
2019, 2012		SALKEHATCHIE	030502071102	TIDAL CK NEAR CONFL OF COOSAW AND BULL RVRS CHISOLM ISL	RT-02015	BEAUFORT	AL	CU, TURBIDITY
2013		SALKEHATCHIE	030502071103	EDDING CREEK AT SHRIMP DOCK	16A-18	BEAUFORT	SHELLFISH	FC
2013		SALKEHATCHIE	030502071103	ROCK SPRINGS CREEK, UPPER REACHES	16A-19	BEAUFORT	SHELLFISH	FC
2013		SALKEHATCHIE	030502071103	EDDING CR AT SMALL TRIBUTARY BETWEEN STATIONS 9 AND 18	16A-23	BEAUFORT	SHELLFISH	FC
2013		SALKEHATCHIE	030502071103	JENKINS CREEK AT SMALL UNNAMED TRIBUTARY NORTH SIDE OF WARSAW ISLAND	16A-25	BEAUFORT	SHELLFISH	FC
2013		SALKEHATCHIE	030502071103	COFFIN CREEK MOUTH AT MORGAN RIVER	16A-27	BEAUFORT	SHELLFISH	FC
2013		SALKEHATCHIE	030502071103	COFFIN CREEK, HEADWATERS AT SHRIMP DOCKS	16A-28	BEAUFORT	SHELLFISH	FC
2013		SALKEHATCHIE	030502071103	JENKINS CREEK, 500FT. NORTH OF STORMWATER AT DAWTAW ISLAND GOLF COURSE,	16A-30	BEAUFORT	SHELLFISH	FC
2013		SALKEHATCHIE	030502071103	LUCY POINT CREEK APPROX. 1.4 MI N OF CONFL MORGAN RIVER	16A-34	BEAUFORT	SHELLFISH	FC
2013		SALKEHATCHIE	030502071103	JENKINS CREEK APPROX. 1.0 MI SE CONFL WARSAW FLATS	16A-36	BEAUFORT	SHELLFISH	FC
2013		SALKEHATCHIE	030502071103	JENKINS CREEK AT POLOWANA ISLAND	16A-37	BEAUFORT	SHELLFISH	FC
2013		SALKEHATCHIE	030502071103	PINE ISLAND CREEK NEAR CONFL VILLAGE CREEK	16A-38	BEAUFORT	SHELLFISH	FC
2019		SALKEHATCHIE	030502071103	TRIB TO SPARROW NEST CK NEAR DATHA ISLAND	RT-02027	BEAUFORT	AL	CU
2016	#	SALKEHATCHIE	030502071103	COFFIN CK 0.7 MI SE OF CONFL W/ MORGAN RVR	RT-032033	BEAUFORT	AL	TURBIDITY
2012	#	SALKEHATCHIE	030502071104	SAINT HELENA SOUND, 7 M SW OF EDISTO BEACH	RO-01163	BEAUFORT	AL	TURBIDITY
2013		SALKEHATCHIE	030502071104	COOSAW RVR NEAR MOUTH OF COMBAHEE RVR	RO-02001	BEAUFORT	AL	TURBIDITY
2022		SALKEHATCHIE	030502080101	UNNAMED TRIB TO BRIER CK AT US 601. THIS IS A CULVERT AT INTERSECTION OF US 601 & S-25-450.	RS-07044	HAMPTON	AL	ZN
2022		SALKEHATCHIE	030502080101	UNNAMED TRIB TO BRIER CK AT US 601. THIS IS A CULVERT AT INTERSECTION OF US 601 & S-25-450.	RS-07044	HAMPTON	REC	FC
2018		SALKEHATCHIE	030502080102	LAKE GEORGE WARREN IN FOREBAY NEAR DAM	CL-062	HAMPTON	AL	ZN
2022, 2022		SALKEHATCHIE	030502080102	LAKE WARREN, BLACK CK ARM, AT S-25-41 5 MI SW OF HAMPTON	CSTL-075	HAMPTON	AL	CHLA, TP
2014, 2014, 2014, 2018		SALKEHATCHIE	030502080102	LAKE GEORGE WARREN 0.2 MI W OF SPILLWAY NE CORNER OF LAKE CLOSER TO LAKE WARREN ST PARK SHORELINE	RL-03331	HAMPTON	AL	CHLA, TN, TP, ZN
2022		SALKEHATCHIE	030502080102	LAKE WARREN IN SMALL EMBAYMENT NEAR NW END OF S-25-41 BRIDGE	RL-07033	HAMPTON	AL	CHLA
2022		SALKEHATCHIE	030502080102	LAKE WARREN IN SMALL BAY ALONG N SHORE APPROX 0.4 MI W OF DAM OUTFLOW	RL-08049	HAMPTON	AL	TP
2016		SALKEHATCHIE	030502080201	DUCK CREEK AT THE DOWNSTREAM SIDE OF US 278, 2.6 M SE OF ALLENDALE	RS-01025	ALLENDALE	AL	DO
2017		SALKEHATCHIE	030502080202	COOSAWHATCHIE RVR AT S-03-47	CSTL-110	ALLENDALE	AL	DO

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2017		SALKEHATCHIE	030502080202	COOSAWHATCHIE RVR AT S-03-47	CSTL-110	ALLENDALE	REC	FC
2017, 2017		SALKEHATCHIE	030502080204	COOSAWHATCHIE RIVER AT SC 363	CSTL-121	HAMPTON	AL	DO, ZN
2017		SALKEHATCHIE	030502080204	COOSAWHATCHIE RIVER AT SC 363	CSTL-121	HAMPTON	REC	FC
2011	*	SALKEHATCHIE	030502080204	BLOOD HILL CREEK AT S-25-69 2.4 MI NE OF GIFFORD	RS-03360	HAMPTON	REC	FC
2022		SALKEHATCHIE	030502080302	CYPRESS CREEK AT S-27-108	CSTL-122	JASPER	REC	FC
2019		SALKEHATCHIE	030502080401	SANDERS BR AT SC 278	CSTL-010	HAMPTON	REC	FC
2019		SALKEHATCHIE	030502080401	SANDERS BR AT S-25-50	CSTL-011	HAMPTON	REC	FC
2019		SALKEHATCHIE	030502080401	SANDERS BRANCH AT SC RD 363	CSTL-108	HAMPTON	REC	FC
2014		SALKEHATCHIE	030502080401	SANDERS BR FROM BRIDGE AT PAVED RD FROM SC 363 N	RS-02488	HAMPTON	AL	ZN
2019		SALKEHATCHIE	030502080401	SANDERS BR FROM BRIDGE AT PAVED RD FROM SC 363 N	RS-02488	HAMPTON	REC	FC
2017		SALKEHATCHIE	030502080404	COOSAWHATCHIE RVR AT S-25-27 2.5 MI SW CUMMINGS	CSTL-109	HAMPTON	AL	ZN
2023		SALKEHATCHIE	030502080405	COOSAWHATCHIE RIVER @ SEC RD 36	CSTL-077	JASPER	FISH	HG
2016		SALKEHATCHIE	030502080406	BEES CK AT SC 462 5.9 MI NE OF RIDGELAND	MD-128	JASPER	AL	DO
2017, 2017		SALKEHATCHIE	030502080406	BEES CK AT WALL FAMILY CAMP FLOATING DOCK APPROX 1 MI E SC 462 AS CROW FLIES	MD-280	JASPER	AL	DO, TURBIDITY
2017		SALKEHATCHIE	030502080406	BEES CK AT WALL FAMILY CAMP FLOATING DOCK APPROX 1 MI E SC 462 AS CROW FLIES	MD-280	JASPER	REC	FC
2017, 2017, 2017		SALKEHATCHIE	030502080407	COOSAWHATCHIE RVR AT US 17 AT COOSAWHATCHIE	CSTL-107	JASPER	AL	DO, PH, ZN
2017		SALKEHATCHIE	030502080407	COOSAWHATCHIE RVR AT US 17 AT COOSAWHATCHIE	CSTL-107	JASPER	REC	FC
2014		SALKEHATCHIE	030502080501	BATTERY CREEK - DOWLINGWOOD TRIBUTARY (C6-97)	15-25	BEAUFORT	SHELLFISH	FC
2014		SALKEHATCHIE	030502080501	BATTERY CREEK - BATTERY POINT COMMUNITY DOCK	15-31	BEAUFORT	SHELLFISH	FC
2014		SALKEHATCHIE	030502080501	BATTERY CREEK - UNDER POWER LINE	15-32	BEAUFORT	SHELLFISH	FC
2013		SALKEHATCHIE	030502080601	POCOTALIGO RVR AT US 17 AT POCOTALIGO	MD-007	BEAUFORT	AL	TURBIDITY
2013		SALKEHATCHIE	030502080601	POCOTALIGO RVR AT US 17 AT POCOTALIGO	MD-007	BEAUFORT	REC	FC
2021		SALKEHATCHIE	030502080602	HUSPAH CREEK AT RAILROAD TRESTLE (14-14)	MD-254	BEAUFORT	AL	CU
2022		SALKEHATCHIE	030502080605	HABERSHAM CREEK ABOVE STATION #16, FIRST SPLIT	17-16A	BEAUFORT	SHELLFISH	FC
2010	*	SALKEHATCHIE	030502080606	OKATIE RIVER AT INDIGO PLANTATION	18-07	BEAUFORT	SHELLFISH	FC
2010	*	SALKEHATCHIE	030502080606	OKATIE RIVER AT DOCK WITHOUT HOUSE	18-08	BEAUFORT	SHELLFISH	FC
2010	*	SALKEHATCHIE	030502080606	CHECHESSEE CREEK FIRST UNNAMED TRIBUTARY FROM COLLETON RIVER	18-09	BEAUFORT	SHELLFISH	FC
2010	*	SALKEHATCHIE	030502080606	OKATIE RV AT CONFLUENCE OF PINKNEY COLONY TRIBU. (C10-97)	18-16	BEAUFORT	SHELLFISH	FC
2010	*	SALKEHATCHIE	030502080606	OKATIE RV AT CONFLUENCE OF CHERRY POINT TRIBU. (C6-97)	18-17	BEAUFORT	SHELLFISH	FC
2016		SALKEHATCHIE	030502080606	COLLETON RVR AT COLLETON NECK-AT JCT WITH CHECHESSEE RV	MD-176	BEAUFORT	AL	DO
2016		SALKEHATCHIE	030502080606	COLLETON RIVER AT MOUTH OF CALLAWASSIE CREEK, 4.5 M N OF BLUFFTON	RO-01125	BEAUFORT	AL	DO
2015		SALKEHATCHIE	030502080607	HAZZARD CREEK AT SECOND RIGHT BEND ABOVE STATION #17 & 18	17-25	JASPER	SHELLFISH	FC
2010	*	SALKEHATCHIE	030502080607	CHECHESSEE CREEK SECOND BRIDGE TO CALLAWASSIE ISLAND	18-10	BEAUFORT	SHELLFISH	FC

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2010	*	SALKEHATCHIE	030502080607	CHECHESSEE CREEK FIRST BRIDGE TO CALLAWASSIE ISLAND	18-11	BEAUFORT	SHELLFISH	FC
2016		SALKEHATCHIE	030502080607	CHECHESSEE RIVER, 6.5 M WEST OF PORT ROYAL	RO-01146	BEAUFORT	AL	DO
2016		SALKEHATCHIE	030502080607	CHECHESSEE RVR 1.4 MI SE CONFL W/ COLLETON RVR	RO-036032	BEAUFORT	AL	DO
2021		SALKEHATCHIE	030502080608	PORT ROYAL SOUND 1.8 MI SW OF TIP OF PARRIS ISLAND	RO-036034	BEAUFORT	AL	CU
2013		SALKEHATCHIE	030601100202	NEW RIVER 3.4 MI SSE OF SC 170 BRIDGE OVER NEW RIVER	RT-06021	BEAUFORT	REC	FC
2012		SALUDA	030050109404	BALDWIN CREEK@ N. MOORE ROAD	S-972	GREENVILLE	AL	BIO
2020		SALUDA	030501080105	WILSON CREEK @ SC 418	BE-097	LAURENS	AL	PH
2015		SALUDA	030501090102	N SALUDA RVR AT BRDG AB JCT WITH SALUDA RVR E OF SC 186	S-004	GREENVILLE	AL	BIO
2015		SALUDA	030501090102	NORTH SALUDA R. AT US HWY 25	S-773	GREENVILLE	AL	BIO
2012		SALUDA	030501090201	ADAMS CK AT UNPVD RD FROM SC 8 AND END OF S-39-34	RS-02330	PICKENS	AL	TURBIDITY
2015		SALUDA	030501090201	OOLENOY RVR AT S-39-47	S-103	PICKENS	AL	BIO
2020		SALUDA	030501090301	SALUDA LAKE NEAR SHORE OF THE POINT NEAR THE END OF CLUB CIRCLE	RL-08056	GREENVILLE	AL	TURBIDITY
2018		SALUDA	030501090302	BURDINE CREEK AT BRIDGE ON S-39-192 3 MI NE OF EASLEY	RS-06151	PICKENS	AL	BIO
2021		SALUDA	030501090302	GEORGES CREEK AT ROAD ABOVE SR 36	S-865	PICKENS	AL	BIO
2016		SALUDA	030501090303	BIG BRUSHY CK AT S-04-143	S-301	ANDERSON	AL	BIO
2015		SALUDA	030501090305	GROVE CR. AT SEC. RD. 541	S-774	GREENVILLE	AL	BIO
2016		SALUDA	030501090306	BIG CK AT S-04-116	S-302	ANDERSON	AL	BIO
2018		SALUDA	030501090307	MILL CK AT BENT BRIDGE RD, BL CAROLINA PLATING	S-315	GREENVILLE	AL	CR
2020		SALUDA	030501090401	REEDY RIVER @ ROE FORD ROAD, SR 88	S-011	GREENVILLE	AL	BIO
2010	*	SALUDA	030501090401	REEDY RVR AT UN# RD OFF US 276 .75 MI W TRAVELERS REST	S-073	GREENVILLE	REC	FC
2010	*	SALUDA	030501090401	LANGSTON CK AT SC 253	S-264	GREENVILLE	REC	FC
2014		SALUDA	030501090401	LANGSTON CREEK @ OLD BUNCOMB ROAD	S-265	GREENVILLE	AL	BIO
2016	#	SALUDA	030501090401	REEDY RIVER AT SR 133	S-868	GREENVILLE	AL	BIO
2016	#	SALUDA	030501090401	REEDY RIVER AT SR 88	S-928	GREENVILLE	AL	BIO
2010	*	SALUDA	030501090402	REEDY RVR AT S-23-30 3.9 MI SE GREENVILLE	S-013	GREENVILLE	REC	FC
2023		SALUDA	030501090402	LAKE CONESTEE	S-015	GREENVILLE	FISH	HG
2010	*	SALUDA	030501090402	BRUSHY CK ON GREEN ST EXT BL DUNEAN MILL ON SC 20	S-067	GREENVILLE	REC	FC
2016		SALUDA	030501090402	REEDY RVR AT RIVERS ST, DOWNTOWN GREENVILLE	S-319	GREENVILLE	AL	BIO
2010	*	SALUDA	030501090402	REEDY RVR AT RIVERS ST, DOWNTOWN GREENVILLE	S-319	GREENVILLE	REC	FC
2017		SALUDA	030501090402	BRUSHY CREEK AT SR 30	S-867	GREENVILLE	AL	BIO
2016		SALUDA	030501090402	RICHLAND CREEK@ E. NORTH STREET CITY OF GREENVILLE	S-981	GREENVILLE	AL	BIO
2010	*	SALUDA	030501090403	HUFF CK AT SC 418 1.6 MI NW FORK SHOALS	S-178	GREENVILLE	REC	FC
2020		SALUDA	030501090403	HUFF CREEK AT SR 459	S-863	GREENVILLE	AL	PH
2015		SALUDA	030501090403	HUFF CREEK@ GRIFFIN MIL RD	S-983	GREENVILLE	AL	BIO
2020		SALUDA	030501090403	LITTLE CREEK@ BERRY RD	S-985	GREENVILLE	AL	BIO



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2016		SALUDA	030501090404	UNNAMED TRIB TO THE REEDY RIVER IN THE THE PRESERVE AT PLANTERS ROW S/D FROM S-23-448	RS-06167	GREENVILLE	AL	BIO
2016		SALUDA	030501090404	UNNAMED TRIB TO THE REEDY RIVER IN THE THE PRESERVE AT PLANTERS ROW S/D FROM S-23-448	RS-06167	GREENVILLE	REC	FC
2016		SALUDA	030501090404	REEDY RVR AT S-23-448 1.75 MI SE CONESTEE	S-018	GREENVILLE	AL	BIO
2010	*	SALUDA	030501090404	REEDY RVR AT S-23-448 1.75 MI SE CONESTEE	S-018	GREENVILLE	REC	FC
2020		SALUDA	030501090404	REEDY RVR ON HWY 418 AT FORK SHOALS	S-072	GREENVILLE	AL	BIO
2010	*	SALUDA	030501090404	REEDY RVR ON HWY 418 AT FORK SHOALS	S-072	GREENVILLE	REC	FC
2015		SALUDA	030501090404	ROCKY CK AT S-23-453 3.5 MI SW OF SIMPSONVILLE	S-091	GREENVILLE	AL	BIO
2010	*	SALUDA	030501090404	ROCKY CK AT S-23-453 3.5 MI SW OF SIMPSONVILLE	S-091	GREENVILLE	REC	FC
2016		SALUDA	030501090404	LAUREL CREEK @ MAULDIN ROAD (BUTLER ROAD)	S-139	GREENVILLE	AL	BIO
2010	*	SALUDA	030501090404	REEDY RVR AT S-23-316 3.5 MI SSW OF MAULDIN	S-323	GREENVILLE	REC	FC
2016		SALUDA	030501090404	REEDY RIVER@ SR 542	S-833	GREENVILLE	AL	BIO
2016		SALUDA	030501090404	REEDY RIVER@ SR 154	S-834	GREENVILLE	AL	BIO
2017		SALUDA	030501090501	HARRISON CREEK@ HARRISON BRIDGE RD	S-982	GREENVILLE	AL	BIO
2020		SALUDA	030501090601	HORSE CREEK AT SR 69	S-862	GREENVILLE	AL	BIO
2010, 2010	*	SALUDA	030501090602	BOYD MILL POND 0.5 MI NW OF BRIDGE OVER REEDY RIVER ON SC 252	RL-05403	LAURENS	AL	PH, TP
2010, 2010, 2010		SALUDA	030501090602	BOYD MILL POND 0.22 MI NW OF DAM, NW OF HOUSE ON POINT	RL-08047	LAURENS	AL	PH, TN, TP
2020		SALUDA	030501090602	REEDY RVR AT U.S. 76	S-070	LAURENS	AL	BIO
2010	*	SALUDA	030501090602	REEDY RVR AT U.S. 76	S-070	LAURENS	REC	FC
2010, 2010	*	SALUDA	030501090602	BOYD MILL POND .6 KM W DAM	S-311	LAURENS	AL	PH, TP
2020		SALUDA	030501090602	REEDY R. AT SEC. RD. 68	S-778	GREENVILLE	AL	BIO
2016		SALUDA	030501090602	REEDY RIVER@ SR 985	S-835	GREENVILLE	AL	BIO
2012, 2012		SALUDA	030501090604	REEDY FORK OF LK GREENWOOD AT S-30-29	S-022	LAURENS	AL	NH3N, PH
2020, 2010, 2010	*	SALUDA	030501090604	LAKE GREENWOOD, REEDY RVR ARM, 150 YDS US RABON CK	S-308	LAURENS	AL	CU, PH, TP
2015		SALUDA	030501090701	ROCKY CREEK AT SC 72 BY-PASS AND SC 254 IN GREENWOOD	RS-03346	GREENWOOD	AL	BIO
2010	*	SALUDA	030501090701	ROCKY CREEK AT SC 72 BY-PASS AND SC 254 IN GREENWOOD	RS-03346	GREENWOOD	REC	FC
2010	*	SALUDA	030501090701	CORONACA CK AT S-24-100 4 MI NW OF 96	S-092	GREENWOOD	REC	FC
2015		SALUDA	030501090701	CORONACA CREEK AT SC HWY 221	S-184	GREENWOOD	AL	BIO
2010	*	SALUDA	030501090702	WILSON CK AT S-24-101	S-233	GREENWOOD	REC	FC
2015		SALUDA	030501090702	WILSON CK AT S-24-124	S-235	GREENWOOD	AL	BIO
2010	*	SALUDA	030501090702	WILSON CK AT S-24-124	S-235	GREENWOOD	REC	FC
2010	*	SALUDA	030501090704	NINETY SIX CK AT SC 702 5.2 MI ESE OF 96	S-093	GREENWOOD	REC	FC
2018		SALUDA	030501090704	NINETY SIX CREEK AT SR 42	S-856	GREENWOOD	AL	BIO
2016		SALUDA	030501090801	MOUNTAIN CREEK TIBUTARY@ OAK HILL RD (SR 50)	S-990	GREENVILLE	AL	BIO
2017		SALUDA	030501090802	BROAD MOUTH CREEK AT BRIDGE ON CO RD S-04-265 (ROCKY FORD ROAD) 3.5 MI NNW OF HONEA PATH	RS-04364	ANDERSON	AL	BIO
2015		SALUDA	030501090802	TRIB.BROAD MOUTH CR. AT SEC. RD.205	S-776	ANDERSON	AL	BIO
2020		SALUDA	030501090802	BROAD MOUTH CREEK@ HAMBRY RD. (SR 265)	S-979	ANDERSON	AL	BIO
2020		SALUDA	030501090804	TURKEY CREEK AT SR 96	S-858	GREENWOOD	AL	PH

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2019		SALUDA	030501090805	UNNAMED TRIB TO THE SALUDA RIVER AT BRIDGE ON UNNUMBERED RD(RIVER RD) 7.1 MI SE OF WILLIAMSTON	RS-06030	GREENVILLE	REC	FC
2012		SALUDA	030501090807	LAKE GREENWOOD 1.0 MI NW OF SEABOARD RR CROSSING	RL-02311	GREENWOOD	AL	PH
2012		SALUDA	030501090807	LAKE GREENWOOD, HEADWATERS, JUST US S-30-33	S-024	LAURENS	AL	PH
2017		SALUDA	030501091003	WEST CREEK AT S-41-105 12.4 MI ESE OF SALUDA	RS-05398	SALUDA	AL	BIO
2010	*	SALUDA	030501091103	BIG CREEK AT SC 39 5.1 MI NW OF SALUDA	RS-05590	SALUDA	REC	FC
2017		SALUDA	030501091103	BIG CREEK AT SR 122	S-855	SALUDA	AL	BIO
2012	#	SALUDA	030501091104	LITTLE SALUDA RVR AT US 378 E SALUDA	S-050	SALUDA	AL	DO
2012		SALUDA	030501091104	LITTLE SALUDA RVR AT S-41-39 5.2 MI NE SALUDA	S-123	SALUDA	AL	DO
2014, 2014		SALUDA	030501091105	LAKE MURRAY, LITTLE SALUDA ARM AT SC 391	S-222	SALUDA	AL	PH, TP
2012		SALUDA	030501091204	BUSH RIVER AT SC 560 S OF JOANNA	S-042	NEWBERRY	AL	DO
2017		SALUDA	030501091206	BUSH RIVER AT COUNTY RD 395, 3 M S OF NEWBERRY	RS-01044	NEWBERRY	AL	BIO
2022		SALUDA	030501091206	SCOTT CK AT SC 34 SW OF NEWBERRY	S-044	NEWBERRY	AL	DO
2014, 2014		SALUDA	030501091206	LAKE MURRAY, BUSH RVR ARM, 4.6 KM US SC 391	S-309	NEWBERRY	AL	CHLA, TP
2023		SALUDA	030501091207	SALUDA RVR AT SC 121	S-047	NEWBERRY	FISH	HG
2012		SALUDA	030501091207	SALUDA RVR AT SC 121	S-047	NEWBERRY	REC	FC
2023		SALUDA	030501091207	SALUDA RIVER @ SC 395	S-105	NEWBERRY	FISH	HG
2018		SALUDA	030501091305	CAMPING CREEK AT SR 72	S-850	NEWBERRY	AL	BIO
2012		SALUDA	030501091307	MACEDONIA LANDING LK MURRAY AT END OF S-36-26 MACEDONIA	S-212	NEWBERRY	AL	PH
2015		SALUDA	030501091402	TWELVE MILE CREEK AT SR 106	S-052	LEXINGTON	AL	BIO
2015		SALUDA	030501091402	TWELVEMILE CREEK AT U.S. ROUTE 378	S-294	LEXINGTON	AL	BIO
2015		SALUDA	030501091402	FOURTEEN MILE CREEK AT SR 28	S-848	LEXINGTON	AL	BIO
2015		SALUDA	030501091403	RAWLS CREEK AT COUNTY RD 175, 0.25 M W OF IRMO	RS-01012	LEXINGTON	AL	BIO
2012		SALUDA	030501091403	SALUDA RVR AT MEPCO ELECT. PLANT WATER INTAKE SSE IRMO	S-149	LEXINGTON	AL	TURBIDITY
2022		SALUDA	030501091403	LORICK BR AT PT UPSTRM OF JCT WITH SALUDA RVR	S-150	LEXINGTON	AL	DO
2023		SALUDA	030501091403	SALUDA RVR JUST BELOW LK MURRAY DAM	S-152	LEXINGTON	FISH	HG
2013		SALUDA	030501091403	KINLEY CK AT S-32-36 (ST. ANDREWS RD) IN IRMO	S-260	LEXINGTON	AL	BIO
2015		SALUDA	030501091403	RAWLS CREEK AT S-32-107	S-287	LEXINGTON	AL	TURBIDITY
2020		SALUDA	030501091403	SALUDA RVR AT USGS GAGING STATION, 1/2 MI BELOW I-20	S-298	LEXINGTON	REC	FC
2012		SALUDA	030501100104	SIXMILE CK ON US 21 S OF CAYCE	C-005	LEXINGTON	AL	DO
2020		SALUDA	030501100104	CONGAREE CK AT S-32-66	C-070	LEXINGTON	REC	FC
2023		SALUDA	030501100201	SESQUICENTENNIAL STATE PARK	C-046	RICHLAND	FISH	HG
2010	*	SALUDA	030501100201	WINDSOR LK SPILLWAY ON WINDSOR LK BLVD	C-048	RICHLAND	AL	DO
2010	*	SALUDA	030501100203	GILLS CK AT BRDG ON US 76 (GARNERS FERRY ROAD)	C-001	RICHLAND	REC	FC
2010	*	SALUDA	030501100203	GILLS CK AT SC 48 (BLUFF ROAD)	C-017	RICHLAND	AL	DO
2010	*	SALUDA	030501100203	GILLS CK AT SC 48 (BLUFF ROAD)	C-017	RICHLAND	REC	FC
2023		SALUDA	030501100203	FOREST LAKE AT DAM	C-068	RICHLAND	FISH	HG

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TMDL TARGET DATE(S)++	NOTE	BASIN	HUC	LOCATION	STATION	COUNTY	USE	CAUSE
2011	*	SALUDA	030501100301	BROAD RIVER DIVERSION CANAL AT COLA WATER PLANT	B-080	RICHLAND	REC	FC
2023		SALUDA	030501100301	CONGAREE RIVER @ BARNEY JORDAN RAMP	C-007A	RICHLAND	FISH	HG
2023		SALUDA	030501100301	CONGAREE RIVER @ ST HWY 378	C-007F	LEXINGTON	FISH	HG
2011	*	SALUDA	030501100301	CONGAREE RVR AT BLOSSOM ST (SALUDA RIVER)	CSB-001L	LEXINGTON	REC	FC
2011	*	SALUDA	030501100301	CONGAREE RVR AT BLOSSOM ST (BROAD RIVER)	CSB-001R	LEXINGTON	REC	FC
2020		SALUDA	030501100301	CONGAREE RIVER@ ROSEWOOD LANDING	S-955	RICHLAND	REC	FC
2020		SALUDA	030501100303	CONGAREE RIVER@ GILLS CREEK MOUTH	S-960	RICHLAND	REC	FC
2020		SALUDA	030501100303	CONGAREE RIVERMIDWAY BETWEEN VORIDIAN INTAKE AND OUTFALL	S-995	RICHLAND	REC	FC
2020		SALUDA	030501100303	CONGAREE RIVERSMALL BEND IN RIVER UPSTREAM OF WESTINGHOUSE OUTFALL	S-996	RICHLAND	REC	FC
2010	*	SALUDA	030501100304	MILL CK AT SC 262	C-021	RICHLAND	REC	FC
2011	*	SALUDA	030501100304	REEDER POINT BR AT SC 48	C-073	RICHLAND	REC	FC
2017		SALUDA	030501100305	CEDAR CK AT S-40-734	C-071	RICHLAND	AL	BIO
2013		SALUDA	030501100310	CONGAREE RVR, WEST BOUNDARY OF CONGAREE SWAMP MONUMENT	C-074	RICHLAND	REC	FC
2013		SALUDA	030501100310	CONGAREE RIVER@ DEVRO-TEEPAK DISCHARGE OUTFALL	S-967	CALHOUN	AL	CU
2020		SALUDA	030501100310	CONGAREE RIVERSMALL BEND IN RIVER UPSTREAM OF WESTINGHOUSE OUTFALL	S-997	RICHLAND	REC	FC
2010	*	SALUDA	030501100401	TOMS CK AT SC 48	C-072	RICHLAND	REC	FC
2015		SALUDA	030501100401	TOMS CREEK AT POWER LINE AND RR TRACK	C-579	RICHLAND	AL	BIO
2020		SALUDA	030501100401	TOM'S CREEK AT RED BLUFF RD.	S-950	RICHLAND	AL	PH
2013		SALUDA	030501100401	TOM'S CREEK AT RED BLUFF RD.	S-950	RICHLAND	REC	FC
2017		SALUDA	030501100402	BUCKHEAD CREEK AT S-09-151 2.1 MI NE OF FORT MOTTE	RS-04521	CALHOUN	AL	BIO
2023		SALUDA	030501100403	CONGAREE RVR AT US 601 (SC-001)	C-007	CALHOUN	FISH	HG
2015		SANTEE	030501110101	WARLEY CREEK AT CO RD S-09-287 3.4 MI NW OF LONE STAR	RS-04389	CALHOUN	AL	BIO
2022		SANTEE	030501110101	WARLEY CREEK AT HWY. 267 BRIDGE	SC-006	CALHOUN	AL	TN
2012		SANTEE	030501110102	DUCKFORD BRANCH AT S-43-52 3.2 MI SW OF PINWOOD	RS-05585	SUMTER	REC	FC
2022		SANTEE	030501110102	SPRING GROVE CREEK @ SECONDARY ROAD 26 BRIDGE	SC-009	CLARENDON	AL	TN
2011	*	SANTEE	030501110102	SPRING GROVE CREEK @ SECONDARY ROAD 26 BRIDGE	SC-009	CLARENDON	REC	FC
2022, 2022, 2022, 2022		SANTEE	030501110103	LK INSPIRATION - ST MATTHEWS (FRONT OF HEALTH DEPT)	C-058	CALHOUN	AL	CHLA, PH, TP, TURBIDITY
2015		SANTEE	030501110103	LYONS CREEK AT SC 6	ST-533	CALHOUN	AL	BIO
2022	#	SANTEE	030501110104	LAKE MARION SANTEE RIVER ARM 6 MI NE OF ELLOREE	RL-06422	CALHOUN	AL	TP
2016	#	SANTEE	030501110104	UPPER LAKE MARION @ THE MOUTH OF HALFWAY SWAMP CREEK	SC-038	CALHOUN	AL	TP
2015		SANTEE	030501110104	HALFWAY SWAMP CREEK AT SR 157	ST-534	CALHOUN	AL	BIO
2023, 2022		SANTEE	030501110105	BIG POPLAR CREEK @ SECONDARY ROAD 105 BRIDGE	SC-011	CALHOUN	AL	DO, TN

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2010	*	SANTEE	030501110106	BIG BRANCH AT S-14-41 (SC-047)	CW-243	CLARENDON	REC	FC
2022		SANTEE	030501110106	LK MARION @ JACK'S CK EMBAYMENT; USE SANTEE COOPER SC-012	RL-02306	CLARENDON	AL	TP
2011	*	SANTEE	030501110107	UNNAMED TRIBUTARY TO TAWCAW CREEK AT S-14-559 (WILLIAM BRUNSON ROAD) 4.6 MI SE OF SUMMERTON	RS-03505	CLARENDON	REC	FC
2018		SANTEE	030501110107	MID LAKE MARION @ TAW CAW CREEK EMBAYMENT	SC-017	CLARENDON	AL	TP
2022		SANTEE	030501110107	MID LAKE MARION @ THE MOUTH OF TAW CAW CREEK	SC-036	CLARENDON	AL	TP
2016, 2022		SANTEE	030501110107	TAWCAW CK AT S-14-127 3.2 MI S OF SUMMERTON (SC-018)	ST-018	CLARENDON	AL	DO, TN
2010	*	SANTEE	030501110107	TAWCAW CK AT S-14-127 3.2 MI S OF SUMMERTON (SC-018)	ST-018	CLARENDON	REC	FC
2022		SANTEE	030501110108	LAKE MARION 1.10 M SSE OF SANTEE NAT. WILDLIFE REFUGE AND 1MI S OF EAGLE POINT (SC-035)	RL-01011	CLARENDON	AL	TP
2010	*	SANTEE	030501110108	WHITE OAK CREEK AT COUNTY RD 345, 4.5 M ESE OF SUMMERTON	RS-01051	CLARENDON	REC	FC
2010	*	SANTEE	030501110108	POTATO CREEK AT S-14-715 (ROGERS ROAD) 5.5 MI SE OF SUMMERTON	RS-03501	CLARENDON	REC	FC
2023		SANTEE	030501110108	LAKE MARION @ WYBOO CREEK	ST-024	CLARENDON	FISH	HG
2016		SANTEE	030501110108	POTATO CK AT S-14-127 3.2 MI S OF SUMMERTON (SC-020)	ST-035	CLARENDON	AL	DO
2010	*	SANTEE	030501110108	POTATO CK AT S-14-127 3.2 MI S OF SUMMERTON (SC-020)	ST-035	CLARENDON	REC	FC
2022		SANTEE	030501110108	LK MARION, WYBOO CREEK ARM DS OF CLUBHOUSE BR (SC-023A)	ST-036	CLARENDON	AL	PH
2023		SANTEE	030501110109	LAKE MARION @ TREZVANT'S LANDING	C-007K	CALHOUN	FISH	HG
2023		SANTEE	030501110109	LAKE MARION @ DANIELS 4H CAMP	C-057	CALHOUN	FISH	HG
2018		SANTEE	030501110109	LK MARION @ CHANNEL MARKER 69; USE SANTEE COOPER SC-016	RL-02308	CLARENDON	AL	TP
2018	#	SANTEE	030501110109	LAKE MARION 0.5 MI NE OF CALHOUN LANDING (USE SC-044)	RL-04388	CALHOUN	AL	TP
2018, 2018		SANTEE	030501110109	UPPER LAKE MARION NEAR PACK'S LANDING	SC-005	SUMTER	AL	DO, TP
2018		SANTEE	030501110109	LAKE MARION AT RR TRESTLE AT LONE STAR (SC-008)	SC-008	CALHOUN	AL	TP
2018	#	SANTEE	030501110109	UPPER LAKE MARION AT CHANNEL MARKER 150	SC-010	CALHOUN	AL	TP
2010, 2010	*	SANTEE	030501110109	UPPER LAKE MARION @ HEADWATERS OF CHAPEL BRANCH CREEK	SC-014	ORANGEBURG	AL	PH, TP
2018		SANTEE	030501110109	UPPER LAKE MARION 2.0 KM BELOW RIMINI RAILROAD TRESTLE	SC-039	CLARENDON	AL	TP
2018		SANTEE	030501110109	MID LAKE MARION @ CHANNEL MARKER 79	SC-040	ORANGEBURG	AL	TP
2018		SANTEE	030501110109	MID LAKE MARION 3.2 KM NORTH OF CHANNEL MARKER 79	SC-041	CLARENDON	AL	TP
2018		SANTEE	030501110109	MID LAKE MARION @ NORTH END OF I-95 / U.S. 301 BRIDGES	SC-042	CLARENDON	AL	TP
2022, 2018		SANTEE	030501110109	SURFACE DRAINAGE FROM SAFETY KLEEN HAZARDOUS LANDFILL	SC-056	SUMTER	AL	NI, TN
2022		SANTEE	030501110109	STREAM ORIGINATING UPSTRM OF SAFETY KLEEN HAZARDOUS LANDFILL	SC-058	SUMTER	AL	NI
2022		SANTEE	030501110109	LK MARION AT OLD US 301/15 BRDG AT SANTEE (SC-015)	ST-025	ORANGEBURG	AL	ZN
2023		SANTEE	030501110109	LAKE MARION @ DAM	ST-027	CLARENDON	FISH	HG
2018		SANTEE	030501110109	LAKE MARION AT RR TRESTLE AT LONE STAR (SC-008)	ST-034	CALHOUN	AL	TP
2023		SANTEE	030501110109	LAKE MARION @ RIMINI	ST-519	SUMTER	FISH	HG
2023		SANTEE	030501110109	LAKE MARION @ LOW FALLS LANDING	ST-529	CALHOUN	FISH	HG
2023		SANTEE	030501120101	SANTEE RIVER BELOW LAKE MARION (WILSONS)	ST-532	BERKELEY	FISH	HG
2013		SANTEE	030501120102	BENNETTS BRANCH AT S-14-351 11.5 MI SSE OF MANNING	RS-05399	CLARENDON	REC	FC
2017		SANTEE	030501120102	BENNETTS BRANCH AT SR 351	ST-536	CLARENDON	AL	BIO
2015		SANTEE	030501120102	DOCTOR BRANCH AT SR 48	ST-537	CLARENDON	AL	BIO

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2023		SANTEE	030501120105	REDIVERSION CANAL AT US 52 (SC-037A)	ST-031	BERKELEY	FISH	HG
2023		SANTEE	030501120106	SANTEE RIVER @ US 52 (HWY 52 LANDING)	ST-528	WILLIAMSBURG	FISH	HG
2011	*	SANTEE	030501120205	ECHAW CK AT PITCH LANDING FRANCIS MARION NATL FOREST	RS-02467	BERKELEY	REC	FC
2023		SANTEE	030501120206	SANTEE RIVER @ SC 41/US 17A	ST-001	BERKELEY	FISH	HG
2023		SANTEE	030501120302	WAMBAW CREEK (STILL'S LANDING)	CSTL-112	CHARLESTON	FISH	HG
2010	*	SANTEE	030501120303	SOUTH SANTEE RIVER AT ALLIGATOR CREEK	06A-01	GEORGETOWN	SHELLFISH	FC
2010	*	SANTEE	030501120303	SOUTH SANTEE RIVER NEAR THE MIDPOINT OF GRACE ISL. (C-3/01)	06A-01A	CHARLESTON	SHELLFISH	FC
2010	*	SANTEE	030501120303	SOUTH SANTEE INLET	06A-02	GEORGETOWN	SHELLFISH	FC
2010	*	SANTEE	030501120303	ALLIGATOR CREEK NEAREST S. SANTEE RVR BTWN MRKRS 24&25	06B-13	CHARLESTON	SHELLFISH	FC
2022		SANTEE	030501120303	SOUTH SANTEE RIVER 400 YARDS UPSTREAM FROM THE INTRACOASTAL WATERWAY SOUTH OF GOAT ISLAND	RO-08344	CHARLESTON	AL	TURBIDITY
2011	*	SANTEE	030501120303	CEDAR CREEK AT CNTY RD 857 HAMPTON PLANTATION STATE PARK	RS-01056	CHARLESTON	REC	FC
2023		SANTEE	030501120303	S SANTEE RVR AT US 17	ST-006	CHARLESTON	FISH	HG
2023		SANTEE	030501120402	WADMACON CREEK @ SANDHOLE	CSTL-586	GEORGETOWN	FISH	HG
2023		SANTEE	030501120402	WADMACON CREEK @ THE BLUFF	CSTL-587	GEORGETOWN	FISH	HG
2019		SANTEE	030501120403	NORTH SANTEE RIVER AT BEACH CREEK	06A-03	GEORGETOWN	SHELLFISH	FC
2019		SANTEE	030501120403	NORTH SANTEE INLET	06A-04	GEORGETOWN	SHELLFISH	FC
2019		SANTEE	030501120403	NORTH SANTEE BAY - E OF CANE ISLAND (C6-97)	06A-04A	GEORGETOWN	SHELLFISH	FC
2019		SANTEE	030501120403	NORTH SANTEE RIVER - SW OF CANE ISLAND (C6-97)	06A-04B	GEORGETOWN	SHELLFISH	FC
2019		SANTEE	030501120403	NORTH SANTEE RVR NEAR THE NORTHWESTERN TIP OF CONE ISL (C-3/-01)	06A-04C	GEORGETOWN	SHELLFISH	FC
2019		SANTEE	030501120403	NORTH SANTEE RIVER AND MOSQUITO CREEK	06A-05	GEORGETOWN	SHELLFISH	FC
2019		SANTEE	030501120403	AIWW AT MINUM CREEK	06A-11	GEORGETOWN	SHELLFISH	FC
2023		SANTEE	030501120403	NORTH SANTEE RIVER @ HARRIS LANDING	CSTL-593	GEORGETOWN	FISH	HG
2012		SANTEE	030501120403	MINIM CREEK, 9 M S OF GEORGETOWN	RT-01654	GEORGETOWN	AL	TURBIDITY
2023		SANTEE	030501120403	NORTH SANTEE RIVER @ POLE YARD	ST-005	GEORGETOWN	FISH	HG
2023		SANTEE	030502010101	DIVERSION CANAL	CSTL-079	BERKELEY	FISH	HG
2023		SANTEE	030502010101	LAKE MOULTRIE @ DAM	CSTL-080	BERKELEY	FISH	HG
2022	#	SANTEE	030502010101	LAKE MOULTRIE SW IN OPEN WATER	RL-02454	BERKELEY	AL	NH3N
2013		SANTEE	030502010101	TRIBUTARY 0.6 KM UPSTR OF SC HWY. 6 NEAR CROSS HS	SC-026	BERKELEY	REC	FC
2022	#	SANTEE	030502010101	TRIBUTARY FLOWING TO LAKE MOULTRIE FROM CROSS GENER. STATION	SC-043	BERKELEY	AL	CU
2011	*	SANTEE	030502010101	TRIBUTARY FLOWING TO LAKE MOULTRIE FROM CROSS GENER. STATION	SC-043	BERKELEY	REC	FC
2023		SANTEE	030502010101	LAKE MOULTRIE @ FRED L. DAY LANDING	ST-530	BERKELEY	FISH	HG
2023		SANTEE	030502010101	LAKE MOULTRIE @ HATCHERY LANDING	ST-531	BERKELEY	FISH	HG
2010	*	SANTEE	030502010201	WADBOO SWAMP AT S-08-447 THIRD BRIDGE FROM WEST	RS-02461	BERKELEY	REC	FC
2022		SANTEE	030502010201	WALKER SW AT US 52 2.5 MI S ST STEPHENS	ST-007	BERKELEY	AL	DO
2023		SANTEE	030502010203	WADBOO CREEK @ REMBERT C. DENNIS RAMP	CSTL-113	BERKELEY	FISH	HG
2011	*	SANTEE	030502010203	CANE GULLEY BRANCH AT S-08-97 6.1 MI NE OF MONCK'S CORNER	RS-03333	BERKELEY	REC	FC

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2013		SANTEE	030502010301	TURKEY CK AT FOREST SERVICE RD 251 IRISHTOWN FM SC 402	RS-02483	BERKELEY	REC	FC
2023		SANTEE	030502010304	EAST FORK OF COOPER RIVER NEAR QUINBYCR	CSTL-564	BERKELEY	FISH	HG
2019		SANTEE	030502010401	WANDO RIVER AT DEEP CREEK	09B-04	CHARLESTON	SHELLFISH	FC
2019		SANTEE	030502010401	WANDO RIVER OPPOSITE BIG PARADISE ISLAND	09B-05	CHARLESTON	SHELLFISH	FC
2019		SANTEE	030502010401	WANDO RIVER AT PARADISE BOAT LANDING	09B-06	CHARLESTON	SHELLFISH	FC
2019		SANTEE	030502010401	DEEP CREEK - 1 MILE FROM CONFLUENCE WITH WANDO RIVER	09B-09	CHARLESTON	SHELLFISH	FC
2019		SANTEE	030502010401	WANDO RIVER AT ALSTON CREEK CONFLUENCE	09B-10	CHARLESTON	SHELLFISH	FC
2019		SANTEE	030502010401	GUERIN CREEK AT OLD HOUSE CREEK	09B-12	BERKELEY	SHELLFISH	FC
2022		SANTEE	030502010401	TOOMER CREEK 2.5 MI E SC 41 BRIDGE OVER WANDO RIVER	RT-06012	CHARLESTON	AL	DO
2019		SANTEE	030502010402	BOONE HALL CREEK OPPOSITE COUNTY RECREATION AREA	09B-07	CHARLESTON	SHELLFISH	FC
2022		SANTEE	030502010402	NEW BRIDGE ROUTE I-526	09B-15	CHARLESTON	SHELLFISH	FC
2022		SANTEE	030502010402	NOWELL CREEK, AT CONFLUENCE WITH MARTIN CREEK	09B-16	BERKELEY	SHELLFISH	FC
2019		SANTEE	030502010402	RAT HALL CRK AT CONFLUENCE WITH WANDO RVR. (C6-97/U4/01)	09B-18	CHARLESTON	SHELLFISH	FC
2023		SANTEE	030502010402	BERESFORD CREEK 5.3 MI NNE OF WANDO AND COOPER RIVER CONFLUENCE	RO-056092	BERKELEY	AL	DO
2019		SANTEE	030502010402	BOONE HALL CREEK 1.5 MI WNW OF INTERSECTION OF US 17 AND SC 41	RT-052100	CHARLESTON	REC	FC
2019		SANTEE	030502010505	CYPRESS SWP AT US 78	CSTL-078	DORCHESTER	REC	FC
2016		SANTEE	030502010601	DORCHESTER CK AT SC 165	CSTL-013	DORCHESTER	AL	DO
2016		SANTEE	030502010601	SAWMILL BR AT SC 78 E OF SUMMERVILLE	CSTL-043	DORCHESTER	AL	DO
2012		SANTEE	030502010602	ASHLEY RVR AT SC 165 4.8 MI SSW OF SUMMERVILLE	CSTL-102	DORCHESTER	REC	FC
2022		SANTEE	030502010603	EAGLE CK AT SC 642 5 MI SSE OF SUMMERVILLE	CSTL-099	DORCHESTER	AL	NH3N
2011	*	SANTEE	030502010603	EAGLE CK AT SC 642 5 MI SSE OF SUMMERVILLE	CSTL-099	DORCHESTER	REC	FC
2023		SANTEE	030502010604	ASHLEY RIVER @ DORCHESTER STATE PARK	CSTL-560	DORCHESTER	FISH	HG
2022		SANTEE	030502010604	ASHLEY RVR AT MAGNOLIA GARDENS	MD-049	CHARLESTON	AL	TURBIDITY
2022		SANTEE	030502010604	ASHLEY RVR AT MAGNOLIA GARDENS	MD-049	CHARLESTON	REC	FC
2011	*	SANTEE	030502010604	ASHLEY RV 1.8 MI NW RUNNYMEDE PLANTATION	RT-032046	CHARLESTON	REC	FC
2022		SANTEE	030502010605	ASHLEY RVR AT SALRR BRDG	MD-052	CHARLESTON	AL	CU
2018		SANTEE	030502010605	JAMES ISLAND CREEK N OF WHITE HALL PLANTATION	RT-052098	CHARLESTON	AL	DO
2018		SANTEE	030502010605	JAMES ISLAND CREEK N OF WHITE HALL PLANTATION	RT-052098	CHARLESTON	REC	FC
2023		SANTEE	030502010701	COOPER RIVER @ US 17A	CSTL-062	BERKELEY	FISH	HG
2016		SANTEE	030502010703	FOSTER CREEK AT CHARLESTON CPW WATER INTAKE	MD-240	BERKELEY	AL	DO
2016		SANTEE	030502010704	BACK RIVER RES IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CSTL-124	BERKELEY	AL	DO
2023		SANTEE	030502010704	COOPER RIVER @ BUSHY PARK	MD-042	BERKELEY	FISH	HG
2023		SANTEE	030502010704	BACK RIVER RESERVOIR	MD-152	BERKELEY	FISH	HG
2023		SANTEE	030502010704	DURHAM CREEK	MD-217	BERKELEY	FISH	HG
2011	*	SANTEE	030502010706	GOOSE CK AT S-08-136 BRIDGE	MD-039	BERKELEY	REC	FC

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2017		SANTEE	030502010706	GOOSE CK AT US 52 N CHTN	MD-114	CHARLESTON	AL	DO
2017		SANTEE	030502010706	GOOSE CK RES 2.3 M S OF GOOSE CREEK TOWN CENTER	RL-01008	BERKELEY	AL	DO
2019, 2019, 2019		SANTEE	030502010706	GOOSE CREEK RESERVOIR 1.0 MI NW OF SPILLWAY NEAR W SHORELINE	RL-03340	BERKELEY	AL	CHLA, DO, TP
2019, 2019		SANTEE	030502010706	GOOSE CREEK RESERVOIR 2.8 MI NW OF SPILLWAY NEAR OTRANTO	RL-04390	BERKELEY	AL	DO, TP
2019		SANTEE	030502010706	GOOSE CREEK RESERVOIR 0.55 MI W OF DAM	RL-05412	BERKELEY	AL	TP
2019, 2019		SANTEE	030502010706	GOOSE CREEK RESERVOIR 2 MI N OF SPILLWAY	RL-06434	BERKELEY	AL	DO, TP
2019		SANTEE	030502010706	GOOSE CK RESERVOIR 0.6 MI NW OF 2ND POWERLINES US OF BOAT RAMP, NEAR W SHORE BTWN 2 WESTERN EMBAYMENTS	RL-07017	BERKELEY	AL	DO
2019		SANTEE	030502010706	GOOSE CK RESERVOIR MIDLAKE IN LINE WITH NORTHBROOK BLVD	RL-08065	BERKELEY	AL	DO
2019		SANTEE	030502010706	GOOSE CREEK RESERVOIR 100 M US OF DAM	ST-032	BERKELEY	AL	TP
2019		SANTEE	030502010706	GOOSE CK RESERVOIR AT 2ND POWERLINES US OF BOAT RAMP	ST-033	BERKELEY	AL	TP
2022		SANTEE	030502010707	FLUDD'S CREEK AT CLARK SOUND	10A-16A	CHARLESTON	SHELLFISH	FC
2022		SANTEE	030502010707	OUTFALL OF MORRIS ISLAND DISCHARGE	10A-29	CHARLESTON	SHELLFISH	FC
2019	#	SANTEE	030502010707	INTRACOASTAL WATERWAY AT SC 703 E MT PLEASANT	MD-069	CHARLESTON	AL	CU
2022	#	SANTEE	030502010707	SHEM CK AT BRDG ON US 17	MD-071	CHARLESTON	AL	NH3N
2022		SANTEE	030502010707	SHEM CK AT BRDG ON US 17	MD-071	CHARLESTON	REC	FC
2022	#	SANTEE	030502010707	CHAS HBR AT FT JOHNSON PIER AT MARINE SCI LAB	MD-165	CHARLESTON	AL	NH3N
2011	*	SANTEE	030502010707	FILBIN CREEK AT VIRGINIA AVE, NORTH CHARLESTON	MD-249	CHARLESTON	REC	FC
2019	#	SANTEE	030502010707	CHARLESTON HARBOR 0.5 MI SE OF MOUTH OF SHEM CK	RO-036044	CHARLESTON	AL	CU
2022		SANTEE	030502010707	COOPER RIVER 1 MILE DOWNSTREAM FROM NOISETTE CREEK IN THE NAVY YARD REACH	RO-08352	BERKELEY	REC	FC
2016	#	SANTEE	030502010707	UNNAMED TRIBUTARY TO PARROT POINT CREEK 0.8 MI S OF FT JOHNSON	RT-042072	CHARLESTON	AL	TURBIDITY
2020		SANTEE	030502020105	RANTOWLES CREEK AT CONFLUENCE OF STONO RIVER	11-18	CHARLESTON	SHELLFISH	FC
2022		SANTEE	030502020201	LOG BRIDGE CK AT SC 162	MD-121	CHARLESTON	AL	NH3N
2020		SANTEE	030502020202	STONO RIVER (AIWW) AT MARKER #27	11-12	CHARLESTON	SHELLFISH	FC
2020		SANTEE	030502020202	STONO RIVER (AIWW) AT MARKER #51	11-16	CHARLESTON	SHELLFISH	FC
2020		SANTEE	030502020202	STONO RIVER (LOG BRIDGE CREEK) AT MARKER #54	11-17	CHARLESTON	SHELLFISH	FC
2020		SANTEE	030502020202	STONO RIVER AT MOUTH OF PENNY CREEK NEAR MARKER #25	11-27	CHARLESTON	SHELLFISH	FC
2022		SANTEE	030502020202	MOUTH OF ELLIOTT CUT AT EDGE WTR DR (S-10-26 OFF HW 17)	MD-025	CHARLESTON	AL	DO
2016		SANTEE	030502020202	STONO RVR AT SC 700	MD-026	CHARLESTON	AL	DO
2022		SANTEE	030502020203	KIAWAH RIVER ON THE FLATS (11-21)	MD-273	CHARLESTON	AL	CU
2020		SANTEE	030502020205	ABBAPOOLA CREEK AT CONFLUENCE WITH SMALL CREEK ON WEST BANK AT SEVENTH BEND (C-4/99)	11-06A	CHARLESTON	SHELLFISH	FC
2020		SANTEE	030502020205	BASS CREEK AT PUBLIC DOCK (5TH BEND FROM CONFLUENCE WITH CINDER CREEK (C5-01)	11-35	CHARLESTON	SHELLFISH	FC
2020		SANTEE	030502020205	ABBAPOOLA CREEK@ BLIND ROAD	MD-802	CHARLESTON	REC	FC
2022		SANTEE	030502020205	TRIBUTARY TO STONO INLET, 11 M SW OF CHARLESTON	RT-01642	CHARLESTON	AL	TURBIDITY
2010	*	SANTEE	030502090101	ALLIGATOR CREEK AT MARKER #26	06B-07	CHARLESTON	SHELLFISH	FC
2010	*	SANTEE	030502090101	CASINO CREEK AT MARKER #29	06B-08	CHARLESTON	SHELLFISH	FC
2010	*	SANTEE	030502090101	DUPREE CREEK - 500 FEET N. OF NEW DOCK (S.OF MRKR #30)	06B-09	CHARLESTON	SHELLFISH	FC
2014		SANTEE	030502090101	ALLIGATOR CREEK AT STATE SHELLFISH GROUND (06B-12)	MD-265	CHARLESTON	AL	TURBIDITY
2022		SANTEE	030502090101	CASINO CREEK AT CLOSURE LINE (06B-16)	MD-266	CHARLESTON	AL	NH3N

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2010	*	SANTEE	030502090101	E FORK OF DEVILS DEN CK HEADWATERS	RT-02016	CHARLESTON	AL	CU
2022		SANTEE	030502090101	LITTLE PAPAS CREEK 0.4 MI SW OF MUDDY BAY & 0.15 MI E OF CONNECTOR TO NELLIE CREEK	RT-07048	CHARLESTON	AL	NH3N
2016		SANTEE	030502090202	GRAHAM CREEK AT MARKER #64	07-02	CHARLESTON	SHELLFISH	FC
2016		SANTEE	030502090202	AWENDAW CREEK AT MARKER #57	07-03	CHARLESTON	SHELLFISH	FC
2016		SANTEE	030502090202	DOEHALL CREEK-THIRD BEND	07-14	CHARLESTON	SHELLFISH	FC
2016		SANTEE	030502090202	SANDY POINT CREEK - 4TH BEND	07-15	CHARLESTON	SHELLFISH	FC
2022		SANTEE	030502090202	AIWW AT CONFLUENCE WITH UNNAMED CREEK, 1.5 MILES SOUTHWEST OF GRAHAM CREEK (C4-99)	07-19	CHARLESTON	SHELLFISH	FC
2016		SANTEE	030502090202	JEREMY CK NEAR BOAT LANDING AT MCCLELLANVILLE TOWN HALL	MD-203	CHARLESTON	AL	DO
2017		SANTEE	030502090202	FIVE FATHOM CREEK AT BULL RIVER (07-06A)	MD-267	CHARLESTON	AL	TURBIDITY
2014		SANTEE	030502090202	AWENDAW CREEK AT MARKER #57 (07-03)	MD-268	CHARLESTON	AL	TURBIDITY
2022		SANTEE	030502090202	SEWEE BAY AT MOORES LANDING (08-09)	MD-269	CHARLESTON	AL	NH3N
2014		SANTEE	030502090202	AIWW MIDWAY BETWEEN AWENDAW AND GRAHAM CREEK	MD-793	CHARLESTON	REC	FC
2022		SANTEE	030502090202	AIWW DOCK ACROSS FROM THE ENTRANCE OF GRAHAM CREEK	MD-794	CHARLESTON	REC	FC
2022		SANTEE	030502090202	AIWW TRIB NORTH OF SEWEE CAMP AND SOUTH OF HOUSES	MD-796	CHARLESTON	REC	FC
2012		SANTEE	030502090202	TRIBUTARY TO MATHEWS CREEK, 1 M S OF MCLELLANVILLE	RT-01623	CHARLESTON	AL	TURBIDITY
2022, 2022		SANTEE	030502090202	VENNING CREEK 0.7 MI FROM MOUTH OF VANDERHORST CREEK	RT-07060	CHARLESTON	AL	NH3N, TURBIDITY
2018		SANTEE	030502090203	AIWW ADJACENT TO WILD DUNES GOLF COURSE STORM DRAINAGE OUTFALL	09A-18	CHARLESTON	SHELLFISH	FC
2022		SANTEE	030502090203	BULLYARD SOUND - MARKER #104 (08-04)	MD-270	CHARLESTON	AL	NH3N
2018		SANTEE	030502090203	HAMLIN SOUND (08-02)	MD-271	CHARLESTON	AL	NH3N
2022		SANTEE	030502090204	HAMLIN CREEK AT CONFL WITH AIWW	09A-01	CHARLESTON	SHELLFISH	FC
2018		SANTEE	030502090204	AIWW AT 25TH STREET - ISLE OF PALMS	09A-19	CHARLESTON	SHELLFISH	FC
2022		SANTEE	030502090204	CONCH CREEK AT LOFTON CREEK	09A-20	CHARLESTON	SHELLFISH	FC
2022		SANTEE	030502090204	UPPER REACHES OF CONCH CREEK	09A-23	CHARLESTON	SHELLFISH	FC
2018		SANTEE	030502090204	UPPER REACHES OF INLET CREEK	09A-24	CHARLESTON	SHELLFISH	FC
2018		SANTEE	030502090204	UPPER INLET CREEK AT JENNIE CREEK	09A-30	CHARLESTON	SHELLFISH	FC
2018		SANTEE	030502090204	BAY AT END OF UPPER INLET CREEK	09A-31	CHARLESTON	SHELLFISH	FC
2015, 2022		SANTEE	030502090204	LOWER HAMLIN CREEK AT SITE OF NEW BRIDGE (09A-29)	MD-272	CHARLESTON	AL	CU, NH3N
2022		SANTEE	030502090204	INTRACOASTAL WATERWAY 0.5 MI SW OF MOUTH OF HAMLIN CREEK	RO-07340	CHARLESTON	AL	NH3N
2023		SAVANNAH	030502060308	LITTLE RIVER @ SC 81	SV-699	MCCORMICK	FISH	HG
2012		SAVANNAH	030502080608	FISH HAUL CREEK AT PORT ROYAL SOUND	20-27	BEAUFORT	SHELLFISH	FC
2023		SAVANNAH	030601010102	LAKE JOCASSEE TOXAWAY RIVER ARM	CL-018	OCONEE	FISH	HG
2020		SAVANNAH	030601010102	LK JOCASSEE AT TOXAWAY, HORSE PASTURE, & LAUREL FORK CONFLUENCE	SV-335	OCONEE	AL	ZN
2023		SAVANNAH	030601010104	LAKE JOCASSEE @ END OF SEC RD 25	SV-313	OCONEE	FISH	HG
2010	*	SAVANNAH	030601010302	BURGESS CK AT S-37-171	RS-02466	OCONEE	REC	FC
2017		SAVANNAH	030601010304	LITTLE RVR AT S-37-24 7.1 MI NE OF WALHALLA	SV-203	OCONEE	REC	FC
2015		SAVANNAH	030601010402	NORTH FORK AT US 178 2.9 MI N OF PICKENS	SV-206	PICKENS	AL	BIO



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2016		SAVANNAH	030601010405	RICES CREEK AT SR 158	SV-740	PICKENS	AL	BIO
2016		SAVANNAH	030601010406	GOLDEN CREEK AT GOLDEN CRK. RD.	SV-738	PICKENS	AL	BIO
2023		SAVANNAH	030601010408	LAKE HARTWELL @ 12 MILE CREEK	SV-107	PICKENS	FISH	PCB
2011	*	SAVANNAH	030601010503	SNOW CREEK AT S-37-51 4.9 MI SW OF SENECA	RS-05412	OCONEE	REC	FC
2023		SAVANNAH	030601010503	LAKE HARTWELL @ CONEROSS CREEK	SV-799	OCONEE	FISH	PCB
2015		SAVANNAH	030601010601	WOODSIDE BR AT US 123 1.5 MI E OF LIBERTY	SV-241	PICKENS	AL	PH
2018		SAVANNAH	030601010602	EIGHTEENMILE CK AT S-39-93 S OF CENTRAL	SV-135	ANDERSON	AL	PH
2016, 2016, 2016, 2016		SAVANNAH	030601010602	LAKE HARTWELL - EIGHTEEN MILE CK ARM AT S-04-1098	SV-268	ANDERSON	AL	DO, TN, TP, TURBIDITY
2015		SAVANNAH	030601010701	CHARLES CREEK AT UNNUMBERED RIDGE ROAD OFF S-04-485	RS-03506	ANDERSON	AL	BIO
2019		SAVANNAH	030601010702	THREE AND TWENTY CREEK AT SR 29	SV-735	ANDERSON	AL	BIO
2016		SAVANNAH	030601010704	LAKE HARTWELL 6 M NNW OF ANDERSON	RL-01020	ANDERSON	AL	PH
2018		SAVANNAH	030601010801	SIXMILE CREEK AT S-39-160	SV-205	PICKENS	REC	FC
2023		SAVANNAH	030601010803	LAKE HARTWELL @ MARTIN CREEK	SV-106	PICKENS	FISH	PCB
2015		SAVANNAH	030601020209	WHETSTONE CREEK, UPSTREAM PORTION NEAR MOUTH	MC-03	OCONEE	AL	BIO
2023		SAVANNAH	030601020210	TUGALOO LAKE	SV-599	OCONEE	FISH	HG
2010	*	SAVANNAH	030601020304	UNNAMED TRIB AT BRIDGE ON CO RD S-37-142 (BRIDGE ROAD) 5.8 MI SW OF WESTMINSTER. BRIDGE IS 75 YARDS OFF CO RD S-37-160.	RS-04380	OCONEE	REC	FC
2023		SAVANNAH	030601020403	LAKE YONAH	CL-015	OCONEE	FISH	HG
2023		SAVANNAH	030601020403	LAKE YONAH, 50% BETWEEN CENTER OF SPILLWAY AND OPPOSITE SHORE	SV-358	OCONEE	AL	PH
2011	*	SAVANNAH	030601020502	CHOESTOEIA CREEK AT S-37-49	SV-108	OCONEE	REC	FC
2010	*	SAVANNAH	030601020502	NORRIS CK AT S-37-435 1 MI S OF WESTMINSTER	SV-301	OCONEE	REC	FC
2015		SAVANNAH	030601020502	TRIBUTARY OF CHOESTOEIA CRK. AT SR 429	SV-790	OCONEE	AL	BIO
2018		SAVANNAH	030601020505	MUD CREEK AT BRIDGE ON S-37-99 2.9 MI NE OF FAIR PLAY	RS-06170	OCONEE	REC	FC
2013		SAVANNAH	030601020505	BEAVERDAM CREEK AT S-37-66	SV-345	OCONEE	AL	PH
2013		SAVANNAH	030601020505	BEAVERDAM CREEK AT SC 243	SV-364	ANDERSON	AL	PH
2013		SAVANNAH	030601020505	BEAVERDAM CREEK AT SC 243	SV-364	ANDERSON	REC	FC
2023		SAVANNAH	030601020507	CHAUGA RIVER @ TUGALOO R. (TABOR ACCESS)	SV-234	OCONEE	FISH	PCB
2021		SAVANNAH	030601030101	LK HARTWELL, MAIN BODY AT USACE WQ BUOY BTWN MRKRS 11 & 12	SV-340	ANDERSON	AL	CU

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2016		SAVANNAH	030601030202	CUPBOARD CK AT S-04-733 AB BREAZEALE ST PLANT & BL BLAIR HILL	SV-139	ANDERSON	AL	DO
2017		SAVANNAH	030601030202	BROADWAY CREEK AT US 76 BTWN ANDERSON & BELTON	SV-141	ANDERSON	AL	TURBIDITY
2017		SAVANNAH	030601030202	BROADWAY CRK. AT SR 48	SV-791	ANDERSON	AL	BIO
2022		SAVANNAH	030601030203	ROCKY RVR AT S-04-263 2.7 MI SE ANDERSON AT STP	SV-031	ANDERSON	AL	TURBIDITY
2020		SAVANNAH	030601030203	BETSY CK AT S-04-259 BL FIBERGLAS OUTFALL	SV-037	ANDERSON	REC	FC
2022		SAVANNAH	030601030203	ROCKY RVR AT S-04-152 BL ROCKY RVR STP	SV-041	ANDERSON	AL	TURBIDITY
2020		SAVANNAH	030601030203	ROCKY RIVER AT S-04-244	SV-346	ANDERSON	REC	FC
2016		SAVANNAH	030601030204	HEN COOP CREEK AT SR 244	SV-044	ANDERSON	AL	BIO
2014		SAVANNAH	030601030205	LK SECESSION, 1 1/4 MI BELOW SC ROUTE 28	SV-331	ANDERSON	AL	PH
2014		SAVANNAH	030601030205	LK SECESSION APPROX 400 YDS ABOVE DAM	SV-332	ABBEVILLE	AL	PH
2011	*	SAVANNAH	030601030401	DEVILS FORK CK AT BUSBY RD OFF S-04-22	RS-02490	ANDERSON	REC	FC
2017		SAVANNAH	030601030402	BIG GENEROSTEE CR. AT SC 187	SV-101	ANDERSON	AL	BIO
2017		SAVANNAH	030601030404	LITTLE GENEROSTEE CREEK AT TINY MCCONNELL RD OFF OF S-04-105 4.1 MI SW OF STARR (CREEK CROSSES ROAD NO BRIDGE)	RS-05414	ANDERSON	REC	FC
2023		SAVANNAH	030601030405	LAKE RUSSELL AT SC 181 6.5 MI SW STARR	SV-100	ANDERSON	FISH	HG
2023		SAVANNAH	030601030405	LAKE HARTWELL @ DAM	SV-642	ANDERSON	FISH	PCB
2023		SAVANNAH	030601030410	LAKE RUSSELL @ VAN CREEK	CL-096	ABBEVILLE	FISH	HG
2023		SAVANNAH	030601030411	LAKE RUSSELL @ DAM	CL-097	ABBEVILLE	FISH	HG
2017		SAVANNAH	030601030502	UNNAMED TRIB TO BAILEY'S CREEK AT S-1-171 4.8 MI NNE OF ABBEVILLE	RS-06190	ABBEVILLE	AL	BIO
2015		SAVANNAH	030601030503	JOHNS CREEK AT SR 159	SV-734	ABBEVILLE	AL	BIO
2015		SAVANNAH	030601030505	DOUBLE BRANCH AT S-01-33	SV-054	ABBEVILLE	AL	BIO
2021		SAVANNAH	030601030508	GILL CR. AT SR 32	SV-644	ABBEVILLE	AL	BIO
2015		SAVANNAH	030601030510	LONG CANE CR. AT SR 33	SV-056	ABBEVILLE	AL	BIO
2016		SAVANNAH	030601030610	CALHOUN CREEK AT SC 28, 1.5 M NW OF ABBEVILLE	RS-01049	ABBEVILLE	AL	DO
2015		SAVANNAH	030601030612	LITTLE RIVER AT S-01-32	SV-348	ABBEVILLE	AL	BIO
2020		SAVANNAH	030601030703	UNNAMED TRIB TO HAWE CREEK@ STREAM MOUTH	SV-817	MCCORMICK	AL	PH
2020		SAVANNAH	030601030703	UNNAMED TRIB TO HAWE CREEK@ STREAM MOUTH	SV-818	MCCORMICK	AL	PH
2020		SAVANNAH	030601030703	HAWE CREEKIMMEDEATELY UPSTREAM OF SV-817 AND SV-818	SV-819	MCCORMICK	AL	PH
2023		SAVANNAH	030601030708	CLARKS HILL RESERVOIR HEADWATERS (SAVANNAH RVR)	CL-040	MCCORMICK	FISH	HG
2023		SAVANNAH	030601030709	CLARKS HILL RESERVOIR IN FOREBAY NEAR DAM	CL-041	MCCORMICK	FISH	HG

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2023		SAVANNAH	030601030710	LONG CANE CREEK (LAKE THURMOND)	SV-057	MCCORMICK	FISH	HG
2020, 2020, 2020		SAVANNAH	030601030713	HAWE CREEK @ SECONDARY ROAD 44	SV-066	MCCORMICK	AL	CU, PH, ZN
2023		SAVANNAH	030601060201	VAUCLUSE POND	SV-685	AIKEN	FISH	HG
2023		SAVANNAH	030601060202	FLAT ROCK POND	SV-686	AIKEN	FISH	HG
2023		SAVANNAH	030601060203	LANGLEY POND	SV-531	AIKEN	FISH	HG
2012		SAVANNAH	030601060506	UPPER THREE RUNS AT SRP ROAD A	SV-325	AIKEN	REC	FC
2015		SAVANNAH	030601060601	UNNAMED TRIBUTARY TO THE SAVANNAH RIVER AT RIVER BLUFF RD IN THE RAPIDS S/D IN NORTH AUGUSTA.	RS-04544	AIKEN	AL	BIO
2023		SAVANNAH	030601060601	SAVANNAH RIVER @ N. AUGUSTA ST. PARK	SV-800	AIKEN	FISH	HG
2020		SAVANNAH	030601060607	SAVANNAH RVR OFF JACKSON LANDING OFF END OF S-02-299	SV-366	AIKEN	REC	FC
2023		SAVANNAH	030601060607	SAVANNAH RIVER @ JACKSON LANDING	SV-691	AIKEN	FISH	HG
2015		SAVANNAH	030601060705	LOWER THREE RUNS CK AT SC 125 11 MI NW OF ALLENDALE	SV-175	ALLENDALE	AL	CU
2012		SAVANNAH	030601060801	FOURMILE BRANCH AT SRP ROAD A-7	SV-326	BARNWELL	REC	FC
2023		SAVANNAH	030601060805	SAVANNAH RIVER @ STEEL CREEK	SV-801	BARNWELL	FISH	HG
2023		SAVANNAH	030601060806	SAVANNAH RIVER @ LITTLE HELL LANDING	SV-690	ALLENDALE	FISH	HG
2020		SAVANNAH	030601060902	BRIAR CRK. AT S-102	SV-745	ALLENDALE	AL	PH
2020		SAVANNAH	030601060902	BRIAR CREEK@ SC HWY 3	SV-814	ALLENDALE	AL	PH
2020		SAVANNAH	030601060902	BRIAR CREEK@ COUNTY RD. 53 NEAR GILL CROSSROADS	SV-815	ALLENDALE	AL	PH
2020		SAVANNAH	030601060902	STONE CREEK@ COUNTY RD. 53	SV-816	ALLENDALE	AL	PH
2023		SAVANNAH	030601060905	SAVANNAH RIVER @ COHEN'S BLUFF	SV-802	ALLENDALE	FISH	HG
2023		SAVANNAH	030601060905	SAVANNAH RIVER @ JOHNSON'S LANDING	SV-803	ALLENDALE	FISH	HG
2015		SAVANNAH	030601070101	HARD LABOR CREEK AT S-24-164 BRIDGE	SV-151	GREENWOOD	AL	BIO
2016		SAVANNAH	030601070102	CHURCH BRANCH AT S-24-375 3.6 MI E OF BRADLEY	RS-06016	GREENWOOD	REC	FC
2015	#	SAVANNAH	030601070106	DOCTORS BRANCH AT S-33-21 6.75 MI E OF MCCORMICK	RS-03342	MCCORMICK	AL	BIO
2017	#	SAVANNAH	030601070106	CUFFYTOWN CREEK AT S-33-138	SV-351	MCCORMICK	AL	BIO
2013		SAVANNAH	030601070108	STEVENS CREEK AT S-33-21	SV-330	MCCORMICK	REC	FC
2020		SAVANNAH	030601070201	SLEEPY CREEK AT S-19-140	RS-08068	EDGEFIELD	REC	FC
2013	#	SAVANNAH	030601070207	BEAVERDAM CREEK AT FOREST SERVICE ROAD 621 OFF S-19-68	SV-353	EDGEFIELD	AL	BIO
2013		SAVANNAH	030601070207	BEAVERDAM CREEK AT FOREST SERVICE ROAD 621 OFF S-19-68	SV-353	EDGEFIELD	REC	FC
2010	*	SAVANNAH	030601070208	TURKEY CREEK AT S-33-227/S-19-68	SV-352	EDGEFIELD	REC	FC

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2013		SAVANNAH	030601070303	STEVENS CREEK AT S-33-88/S-19-143	SV-354	EDGEFIELD	REC	FC
2020, 2016		SAVANNAH	030601090301	SAVANNAH RVR OFF B&C LANDING OFF S-27-201	SV-369	JASPER	AL	TURBIDITY, ZN
2023		SAVANNAH	030601090301	SAVANNAH RIVER @ STOKES BLUFF LANDING	SV-687	HAMPTON	FISH	HG
2023		SAVANNAH	030601090301	SAVANNAH RIVER @ B & C LANDING	SV-804	JASPER	FISH	HG
2016		SAVANNAH	030601090403	CYPRESS CREEK AT S-27-119	SV-356	JASPER	AL	DO
2019		SAVANNAH	030601090403	CYPRESS CREEK AT S-27-119	SV-356	JASPER	REC	FC
2021		SAVANNAH	030601090404	UNNAMED SWAMP AT BRIDGE ON S-27-119 ONE MILE WEST OF TILLMAN	RS-04372	JASPER	AL	ZN
2023		SAVANNAH	030601090405	SAVANNAH RIVER @ BECK'S FERRY	SV-209	JASPER	FISH	HG
2023		SAVANNAH	030601090405	SAVANNAH RIVER @ MILLSTONE LANDING	SV-805	JASPER	FISH	HG
2023		SAVANNAH	030601090406	WRIGHT RIVER 1.9 MI SE OF TURN BRIDGE LANDING	RT-032032	JASPER	AL	TURBIDITY
2017		SAVANNAH	030601090407	SAVANNAH RVR AT US 17 8.9 MI SSW OF HARDEEVILLE (BOAT)	SV-191	JASPER	AL	ZN
2012		SAVANNAH	030601090407	SAVANNAH RVR AT US 17 8.9 MI SSW OF HARDEEVILLE (BOAT)	SV-191	JASPER	REC	FC
2020, 2017		SAVANNAH	030601100103	GREAT SWAMP AT U.S. 17	MD-129	JASPER	AL	NH3N, ZN
2011	*	SAVANNAH	030601100103	GREAT SWAMP AT U.S. 17	MD-129	JASPER	REC	FC
2023		SAVANNAH	030601100201	NEW RVR AT SC 170 9 MI W OF BLUFFTON	MD-118	JASPER	FISH	HG
2013		SAVANNAH	030601100201	NEW RVR AT SC 170 9 MI W OF BLUFFTON	MD-118	JASPER	REC	FC
2021		SAVANNAH	030601100202	RAMSHORN CREEK AT NEW RIVER (19-07)	MD-258	JASPER	AL	NI
2020		SAVANNAH	030601100301	MAY RIVER @ FIRST DOCK IN HW PAST BLUFF	19-19	BEAUFORT	SHELLFISH	FC
2012		SAVANNAH	030601100302	CREEK BEHIND LYNN SMITH'S OYSTER PLANT AT BROAD CREEK	20-16	BEAUFORT	SHELLFISH	FC
2012		SAVANNAH	030601100302	BROAD CREEK AT FIRST MAJOR CREEK RIGHT AFTER MARKER #18 (C6-97)	20-24	BEAUFORT	SHELLFISH	FC
2012		SAVANNAH	030601100302	BROAD CREEK AT CONFLUENCE OF CHANNEL LEADING TO OLD OYSTER FACTORY (C2-99)	20-25	BEAUFORT	SHELLFISH	FC

**Appendix A:**

**Sites Not Included on 2010 303(d) List Due to Standard  
Attainment, Identified Pollutant or Listing Error.**

Appendix A: SC Waters Removed from 2008 §303(d) List

BASIN8	HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	DELISTING REASON
BROAD	030501050805	BUFFALO CK AT SC 5 1 MI W OF BLACKSBURG	B-057	CHEROKEE	AL	CU	STANDARD ATTAINED
BROAD	030501051004	THICKETTY CK AT SC 211 2 MI AB JCT WITH BROAD RVR	B-062	CHEROKEE	AL	CU	STANDARD ATTAINED
BROAD	030501051203	N PACOLET RVR AT S-42-978, 1 MI SE OF FINGERVILLE	B-126	SPARTANBURG	AL	CU	STANDARD ATTAINED
BROAD	030501051601	BROAD RVR AT SC 18 4 MI NE GAFFNEY	B-042	CHEROKEE	AL	CU	STANDARD ATTAINED
BROAD	030501060105	TURKEY CK AT SC 9, 14 MI NW OF CHESTER	B-136	CHESTER	AL	CU	STANDARD ATTAINED
BROAD	030501060302	BROWNS CK AT S-44-86, 8 MI E OF UNION	B-155	UNION	AL	CU	STANDARD ATTAINED
BROAD	030501060305	BROAD RVR AT SC 72/215/121 3 MI E OF CARLISLE	B-046	CHESTER	AL	CU	STANDARD ATTAINED
BROAD	030501060406	PARR RESERVOIR IN FOREBAY NEAR DAM	B-345	NEWBERRY	AL	CU	STANDARD ATTAINED
BROAD	030501060504	JACKSON CK AT S-20-54, 5 MI W OF WINNSBORO	B-102	FAIRFIELD	AL	CU, ZN	STANDARD ATTAINED
BROAD	030501070203	NORTH TYGER RVR AT S-42-231, 11 MI S OF SPARTANBURG	B-018A	SPARTANBURG	AL	CU	STANDARD ATTAINED
BROAD	030501070305	S TYGER RVR AT S-42-86, 5 MI NE OF WOODRUFF	B-332	SPARTANBURG	AL	CU	STANDARD ATTAINED
BROAD	030501070405	MITCHELL CREEK AT SR 19, 1ST REPLICATE OF TWO STATIONS, DOWNSTREAM OF BRIDGE	B-781	UNION	AL	BIO	POLLUTANT IDENTIFIED
BROAD	030501070405	FAIRFOREST CK ON CO RD 12 SW OF JONESVILLE	BF-007	UNION	AL	CU	STANDARD ATTAINED
BROAD	030501070406	TOSCHS CK AT S-44-75 2 MI SW OF UNION	B-067A	UNION	AL	CU	STANDARD ATTAINED
BROAD	030501070501	JIMMIES CRK. AT STEWART RD, 1 MILE UPSTREAM OF SR 113	B-786	SPARTANBURG	AL	BIO	POLLUTANT IDENTIFIED
BROAD	030501070507	TYGER RVR AT S-44-35 3.5 MI S OF CARLISLE	B-349	UNION	AL	CU	STANDARD ATTAINED
BROAD	030501080201	BEAVERDAM CK AT S-30-97, 7 MI NE OF GRAY COURT	B-246	LAURENS	AL	CU	STANDARD ATTAINED
BROAD	030501080206	ENOREE RVR AT SC 72, 121, & US 176, 1 MI NE WHITMIRE	B-053	NEWBERRY	AL	CU, ZN	STANDARD ATTAINED
BROAD	030501080501	KINGS CRK. AT US 176, DOWNSTREAM OF BRIDGE	B-799	NEWBERRY	AL	BIO	POLLUTANT IDENTIFIED
BROAD	030501080502	ENOREE RVR AT S-36-45 3.5 MI AB JCT WITH BROAD RVR	B-054	NEWBERRY	AL	CU	STANDARD ATTAINED
CATAWBA	030501011502	LAKE WYLIE AB MILL CK ARM AT END OF S-46-557	CW-197	YORK	AL	CU	STANDARD ATTAINED

Appendix A: SC Waters Removed from 2008 §303(d) List

BASIN8	HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	DELISTING REASON
CATAWBA	030501011504	BROWN CREEK AT S-46-228 (GUINN ST), 0.3 MI WEST OF OLD NORTH MAIN STREET IN CLOVER, SC	CW-105	YORK	AL	TURBIDITY	STANDARD ATTAINED
CATAWBA	030501011504	BEAVERDAM CK AT S-46-152 8 MI E OF CLOVER	CW-153	YORK	AL	TURBIDITY	STANDARD ATTAINED
CATAWBA	030501011505	CROWDERS CK AT S-46-564 NE CLOVER	CW-023	YORK	AL	CU	STANDARD ATTAINED
CATAWBA	030501011505	CROWDERS CREEK AT S-46-1104	CW-024	YORK	AL	BIO	STANDARD ATTAINED
CATAWBA	030501030107	MCALPINE CK AT S-29-64	CW-064	LANCASTER	AL	BIO	POLLUTANT IDENTIFIED
CATAWBA	030501030108	STEEL CR. AT US BY-PASS 21	CW-681	YORK	AL	BIO	POLLUTANT IDENTIFIED
CATAWBA	030501030109	SUGAR CK AT SC 160 E OF FORT MILL	CW-013	LANCASTER	REC	FC	STANDARD ATTAINED
CATAWBA	030501030109	SUGAR CREEK AT S-46-36	CW-036	LANCASTER	AL	CU	STANDARD ATTAINED
CATAWBA	030501030204	TWELVEMILE CK AT S-29-55 0.3 MI NW OF VAN WYCK	CW-083	LANCASTER	AL	CU	STANDARD ATTAINED
CATAWBA	030501030303	BEAR CK AT S-29-362 3.5 MI SE OF LANCASTER	CW-151	LANCASTER	AL	DO	STANDARD ATTAINED
CATAWBA	030501030304	GILLS CK AT US 521 NNW OF LANCASTER	CW-047	LANCASTER	AL	TURBIDITY	STANDARD ATTAINED
CATAWBA	030501030304	BEAR CK AT S-29-292 1.6 MI W OF LANCASTER	CW-131	LANCASTER	AL	DO	STANDARD ATTAINED
CATAWBA	030501030305	CANE CK AT S-29-50	CW-017	LANCASTER	AL	PH	STANDARD ATTAINED
CATAWBA	030501030305	CANE CR. AT SC 9 BYPASS	CW-210	LANCASTER	AL	BIO	POLLUTANT IDENTIFIED
CATAWBA	030501030401	WILDCAT CK AT S-46-998 9 MI ENE OF MCCONNELLS	CW-096	YORK	AL	DO	STANDARD ATTAINED
CATAWBA	030501030401	TOOLS FORK CREEK @ S-46-47	CW-169	YORK	REC	FC	APPROVED TMDL
CATAWBA	030501030402	FISHING CK AT S-46-347 DS YORK WWTP	CW-005	YORK	AL	TURBIDITY	STANDARD ATTAINED
CATAWBA	030501030402	FISHING CREEK AT S-46-503	CW-225	YORK	AL	CU	STANDARD ATTAINED
CATAWBA	030501030404	LAKE OLIPHANT, FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CL-021	CHESTER	AL	CHLA	STANDARD ATTAINED
CATAWBA	030501030408	TINKERS CK AT S-12-599	CW-234	CHESTER	AL	CU	STANDARD ATTAINED
CATAWBA	030501030409	FISHING CK AT SC 223 NE RICHBURG	CW-008	CHESTER	AL	TURBIDITY	STANDARD ATTAINED
CATAWBA	030501030505	CEDAR CK RESERVOIR/ROCKY CK AT S-12-141 SE OF GREAT FALLS	CW-175	CHESTER	AL	TURBIDITY	STANDARD ATTAINED
CATAWBA	030501030505	ROCKY CK AT S-12-138	CW-236	CHESTER	AL	CU	STANDARD ATTAINED
CATAWBA	030501030606	CEDAR CK RESERVOIR AT UNIMP RD ADJCT WITH ROCKY CK	CW-174	CHESTER	AL	DO, TN	STANDARD ATTAINED
CATAWBA	030501030606	CEDAR CK RES 2.15 M SE OF GREAT FALLS	RL-01007	LANCASTER	AL	DO, CHLA	STANDARD ATTAINED

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BASIN8	HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	DELISTING REASON
CATAWBA	030501040102	LITTLE WATEREE CK AT S-20-41 5 MI E OF WINNSBORO	CW-040	FAIRFIELD	AL	DO	STANDARD ATTAINED
CATAWBA	030501040105	BIG WATEREE CK AT US 21	CW-072	FAIRFIELD	AL	CU	STANDARD ATTAINED
CATAWBA	030501040106	CEDAR CK RESERVOIR 100 M N OF DAM	CW-033	LANCASTER	AL	TURBIDITY	STANDARD ATTAINED
CATAWBA	030501040106	LK WATEREE HEADWATERS APPROX 50 YDS DS CONFL CEDAR CK	CW-231	LANCASTER	AL	PH, TURBIDITY	STANDARD ATTAINED
CATAWBA	030501040108	LK WATEREE AT S-20-101 11 MI ENE WINNSBORO	CW-208	FAIRFIELD	AL	CHLA, TP	STANDARD ATTAINED
CATAWBA	030501040111	LK WATEREE AT END OF S-20-291	CW-207	FAIRFIELD	AL	PH, TP	STANDARD ATTAINED
CATAWBA	030501040111	LK WATEREE AT SMALL ISLAND 2.3 MI N OF DAM	CW-209	KERSHAW	AL	TP	STANDARD ATTAINED
CATAWBA	030501040206	BEAR CK AT S-40-82	CW-229	RICHLAND	AL	DO	STANDARD ATTAINED
EDISTO	030502030102	LIGHTWOOD KNOT CK OFF S-32-77 AT BATESBURG WATER INTAKE	E-101	LEXINGTON	REC	FC	APPROVED TMDL
EDISTO	030502030103	N FORK EDISTO RVR AT S-02-74	E-084	AIKEN	AL	NH3N	STANDARD ATTAINED
EDISTO	030502040305	WINDY HILL CRK. AT SR 38	E-029	BARNWELL	AL	BIO	POLLUTANT IDENTIFIED
EDISTO	030502050302	PROVIDENCE SWP AT E FRONTAGE RD TO 1551W OF HOLLY HILL	E-051	ORANGEBURG	AL	CU	STANDARD ATTAINED
EDISTO	030502060105	CATTLE CK AT S-18-19	E-108	DORCHESTER	AL	PH	STANDARD ATTAINED
EDISTO	030502060307	ST. PIERRE CREEK MOUTH	13-03	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
EDISTO	030502060308	EDISTO RIVER AT ASHEP CO RIVER RUSSELL CREEK AT AREA 12/12 BOUNDARY (1002 00)	13-08	COLLETON	SHELLFISH	FC	STANDARD ATTAINED
EDISTO	030502060308	BIG BAY CR. HDWTRS AT FIRST BEND TO RIGHT PAST THE NECK	13-21	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
EDISTO	030502060308	FRAMPTON INLET AT ATLANTIC OCEAN	13-25	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
EDISTO	030502060308	FRAMPTON INLET CREEK UPSTREAM OF BOATRAMP PAST FIRST BEND (C6-01)	13-27	COLLETON	SHELLFISH	FC	STANDARD ATTAINED
EDISTO	030502060308	SOUTH EDISTO RIVER W BOUNDARY OF 1000 FOOT RESTRICTED RADIUS @ STATION 02 (CONFLUENCE OF BIG BAY CREEK)	13-32	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
EDISTO	030502060308	S EDISTO RVR AT NORTHERN CONFLUENCE WITH ALLIGATOR CREEK (13-20)	MD-260	CHARLESTON	AL	CU	STANDARD ATTAINED
EDISTO	030502060401	TOOGODOO CREEK SSG AT LAST CREEK BEFORE FORK	12B-34	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED



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BASIN8	HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	DELISTING REASON
EDISTO	030502060404	BOHICKET CREEK MIDWAY BETWEEN STATIONS 21 AND 22 AT SMALL UNNAMED TRIBUTARY ON WEST BANK	12A-46	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
EDISTO	030502060405	DAWHO RIVER AT MARKER #119 (C8/00)	12B-09	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
EDISTO	030502060405	TOM POINT CREEK AT PARK ISLAND	12B-30	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
EDISTO	030502060405	RUSSELL CREEK AT ESTUARY ENTERING SUNBELT CLAM FARMS	12B-43	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
EDISTO	030502060405	WHOOPING ISLAND CREEK AT CONFLUENCE OF STEAMBOAT CREEK	12B-52	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
EDISTO	030502060405	TOM POINT CREEK 3 BENDS US STATION 3	12B-54	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
PEEDEE	030402010402	THOMPSON CRK. AT SC 109	PD-673	CHESTERFIELD	AL	BIO	POLLUTANT IDENTIFIED
PEEDEE	030402010509	CEDAR CREEK AT US 52	PD-151	CHESTERFIELD	AL	CU, NI	STANDARD ATTAINED
PEEDEE	030402010704	BLACK CK AT S-16-18 1 MI NNE HARTSVILLE	PD-021	DARLINGTON	REC	FC	STANDARD ATTAINED
PEEDEE	030402010704	SNAKE BR AT RR AVE IN HARTSVILLE	PD-258	DARLINGTON	AL	DO	STANDARD ATTAINED
PEEDEE	030402010707	60" TILE DISCHARGING TO DITCH ACROSS RD AT DARLINGTON STP	PD-141	DARLINGTON	AL	DO	STANDARD ATTAINED
PEEDEE	030402010709	BLACK CK AT S-16-133 2.25 MI NE OF DARLINGTON	PD-025	DARLINGTON	AL	PH	STANDARD ATTAINED
PEEDEE	030402010709	BLACK CK AT S-16-133 2.25 MI NE OF DARLINGTON	PD-025	DARLINGTON	REC	FC	STANDARD ATTAINED
PEEDEE	030402010805	THREE CREEKS AT SC 38, S OF BLENHEIM	PD-367	MARLBORO	AL	CU, ZN	STANDARD ATTAINED
PEEDEE	030402010808	GREAT PEE DEE RIVER @ SC 34	PD-028	DARLINGTON	AL	CU	STANDARD ATTAINED
PEEDEE	030402010901	MIDDLE SWP AT SC 51 3.5 MI SSE OF FLORENCE	PD-230	FLORENCE	REC	FC	STANDARD ATTAINED
PEEDEE	030402010902	GULLEY BR AT S-21-13, TIMROD PARK	PD-065	FLORENCE	AL	PH	STANDARD ATTAINED
PEEDEE	030402010905	JEFFRIES CK AT UN# RD 3.3 MI ESE OF CLAUSSEN	PD-231	FLORENCE	AL	CU	STANDARD ATTAINED
PEEDEE	030402020104	FLAT CREEK AT S-29-123	PD-342	LANCASTER	AL	CU	STANDARD ATTAINED
PEEDEE	030402020105	LYNCHES RVR AT SC 9 W OF PAGELAND	PD-113	CHESTERFIELD	AL	CU	STANDARD ATTAINED
PEEDEE	030402020201	TODD'S BR AT S-29-564 1.5 MI NE OF KERSHAW	PD-005	LANCASTER	REC	FC	STANDARD ATTAINED
PEEDEE	030402020202	HANGING ROCK CRK. AT SR 770	PD-669	LANCASTER	AL	BIO	POLLUTANT IDENTIFIED
PEEDEE	030402020301	LITTLE FORK CK AT S-13-265 1.5 MI SW JEFFERSON	PD-215	CHESTERFIELD	AL	CU	STANDARD ATTAINED

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BASIN8	HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	DELISTING REASON
PEEDEE	030402020307	LYNCHEs RVR AT US 1	PD-009	CHESTERFIELD	REC	FC	STANDARD ATTAINED
PEEDEE	030402020403	NEWMAN SWP AT S-16-449 0.9 MI NE OF LAMAR	PD-229	DARLINGTON	REC	FC	STANDARD ATTAINED
PEEDEE	030402020406	LAKE SWAMP AT S-21-38	PD-345	FLORENCE	AL	CU, CR, NI	STANDARD ATTAINED
PEEDEE	030402020505	LYNCHEs RIVER AT S-21-55	PD-093	FLORENCE	AL	PH	STANDARD ATTAINED
PEEDEE	030402020505	LYNCHEs RIVER AT SC 403	PD-319	FLORENCE	AL	PH	STANDARD ATTAINED
PEEDEE	030402020601	CAMP BRANCH AT S-21-278	PD-346	FLORENCE	REC	FC	STANDARD ATTAINED
PEEDEE	030402020604	LAKE SWAMP AT SC 341 2.6 MI W OF JOHNSONVILLE	PD-087	FLORENCE	AL	CU, NI	STANDARD ATTAINED
PEEDEE	030402020703	BIG SWP AT S-21-360 1.1 MI W OF PAMPLICO	PD-168	FLORENCE	AL	DO	STANDARD ATTAINED
PEEDEE	030402020703	BIG SWP AT S-21-360 1.1 MI W OF PAMPLICO	PD-168	FLORENCE	REC	FC	STANDARD ATTAINED
PEEDEE	030402020704	LYNCHEs RVR AT S-21-49 5 MI NW JOHNSONVILLE	PD-281	FLORENCE	AL	CU, NI	STANDARD ATTAINED
PEEDEE	030402040403	BUCK SWP AT S-17-33	PD-031	DILLON	AL	DO	STANDARD ATTAINED
PEEDEE	030402040505	MAPLE SWP AT SC 57	PD-030	DILLON	AL	DO	STANDARD ATTAINED
PEEDEE	030402040508	LITTLE PEE DEE AT S-34-60	PD-052	MARION	AL	CU	STANDARD ATTAINED
PEEDEE	030402050104	LAKE ASHWOOD, FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CL-077	LEE	AL	TN, CHLA	STANDARD ATTAINED
PEEDEE	030402050203	UNNAMED DRAINAGE CANAL TO ATKINS CANAL AT SC 527 (3/4 MI N OF US 76)	PD-354	LEE	REC	FC	STANDARD ATTAINED
PEEDEE	030402050401	POCOTALIGO RVR AT S-43-32 9 MI SSE OF SUMTER	PD-202	SUMTER	AL	DO	STANDARD ATTAINED
PEEDEE	030402050401	BRIAR BRANCH AT S-43-459	PD-617	SUMTER	AL	BIO	POLLUTANT IDENTIFIED
PEEDEE	030402050407	POCOTALIGO RVR AT 3RD BRDG N OF MANNING ON US 301	PD-115	CLARENDON	AL	DO	STANDARD ATTAINED
PEEDEE	030402060703	BUCK CREEK AT SC 905	PD-362	HORRY	AL	CU, NI	STANDARD ATTAINED
PEEDEE	030402060704	WACCAMAW RVR AT SC 9 7.0 MI W OF CHERRY GROVE	MD-124	HORRY	AL	CU	STANDARD ATTAINED
PEEDEE	030402060705	SIMPSON CREEK AT SC 905	PD-363	HORRY	AL	NI, ZN	STANDARD ATTAINED
PEEDEE	030402070106	WHITES CK 100 YDS UPSTRM OF JCT WITH SAMPIT RVR	MD-149	GEORGETOWN	REC	FC	STANDARD ATTAINED

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BASIN8	HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	DELISTING REASON
PEEDEE	030402070204	PEE DEE RVR AT PETERS FIELD LANDING OFF S-22-36 US IP PUMP STATION	PD-060	GEORGETOWN	AL	CU	STANDARD ATTAINED
PEEDEE	030402070207	PEE DEE RVR AT WHITE HOUSE PLANTATION	MD-275	GEORGETOWN	AL	CU	STANDARD ATTAINED
PEEDEE	030402070208	WINYAH BAY MAIN CHANNEL, BUOY 17, RANGE E	05-21	GEORGETOWN	SHELLFISH	FC	STANDARD ATTAINED
PEEDEE	030402080301	INTRACOASTAL WTRWAY AT PT 3 MI N OF BRDG ON US 501	MD-085	HORRY	AL	CU	STANDARD ATTAINED
PEEDEE	030402080306	HOUSE CK AT 53RD AVE OUT FROM BOAT LANDING (01-19)	MD-276	HORRY	AL	CU	STANDARD ATTAINED
PEEDEE	030402080310	PARSONNAGE CREEK AT INLET PORT BASIN (04-17)	MD-277	GEORGETOWN	AL	NH3N	STANDARD ATTAINED
PEEDEE	030402080402	DEBIDUE CREEK AND BASS HOLE BAY	05-16	GEORGETOWN	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502070203	WHIPPY SWAMP AT S-25-13	CSTL-076	HAMPTON	REC	FC	STANDARD ATTAINED
SALKEHATCHIE	030502070302	LEMON CREEK AT S-05-541	CSTL-116	BAMBERG	REC	FC	STANDARD ATTAINED
SALKEHATCHIE	030502070403	LITTLE SALKEHATCHIE RIVER AT U.S. 601	CSTL-115	BAMBERG	REC	FC	STANDARD ATTAINED
SALKEHATCHIE	030502070505	WILLOW SWAMP AT S-15-27	CSTL-118	COLLETON	AL	CU	STANDARD ATTAINED
SALKEHATCHIE	030502070508	LITTLE SALKEHATCHIE RIVER AT SC 63	CSTL-120	COLLETON	AL	CU, ZN	STANDARD ATTAINED
SALKEHATCHIE	030502071003	ASHEPO RIVER POG	14-19	COLLETON	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502071003	S. EDISTO RVR & ASHEPOO RVR CUT	14-20	COLLETON	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502071003	ASHEPOO RIVER AT PUBLIC OYSTER GROUND (14-19)	MD-253	COLLETON	AL	TURBIDITY	STANDARD ATTAINED
SALKEHATCHIE	030502071103	DOE CR BEHIND COASTAL SEAFOOD - BEHIND DATAW ISLAND	16A-14	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502071103	MORGAN RIVER AT CONFL LUCY POINT CK	16A-35	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502080102	LAKE WARREN, BLACK CK ARM, AT S-25-41 5 MI SW OF HAMPTON	CSTL-075	HAMPTON	AL	ZN	STANDARD ATTAINED
SALKEHATCHIE	030502080302	CYPRESS CREEK AT S-27-108	CSTL-122	JASPER	AL	ZN	STANDARD ATTAINED
SALKEHATCHIE	030502080501	BATTERY CREEK AT UNNAMED CREEK AT (FORMER) DISCHARGE OF BC HIGH AND CHERRY HILL HIGH	15-21	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502080501	BATTERY CREEK - SC HWY 280 BRIDGE (C6-97)	15-24	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502080501	BATTERY CREEK - PICKET FENCE TRIBUTARY (C6-97)	15-26	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502080501	BATTERY CREEK - CHERRY HILL TRIBUTARY (C6-97)	15-27	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED

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BASIN8	HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	DELISTING REASON
SALKEHATCHIE	030502080501	BATTERY CREEK - COTTAGE FARMS COMMUNITY DOCK (C6-97)	15-30	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502080602	HUSPAH CREEK AT RAILROAD TRESTLE	14-14	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502080602	HUSPAH CREEK AT BULL POINT - WHALE BRANCH POG	14-18	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502080606	CHECHESSEE CREEK AT OKATIE RIVER	18-03	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502080607	CHECHESSEE CREEK TRIBUTARY FROM SPRING ISLAND SHRIMP POND	18-14	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SALKEHATCHIE	030502080608	BROAD RVR AT SC 170 7.5 MI SW OF BEAUFORT	MD-116	BEAUFORT	AL	CU	STANDARD ATTAINED
SALUDA	030501090302	GEORGES CK AT S-39-28	S-300	PICKENS	AL	CU	STANDARD ATTAINED
SALUDA	030501090402	REEDY RVR AT S-23-30 3.9 MI SE GREENVILLE	S-013	GREENVILLE	AL	CU	STANDARD ATTAINED
SALUDA	030501090403	HUFF CREEK AT SR 459	S-863	GREENVILLE	AL	BIO	POLLUTANT IDENTIFIED
SALUDA	030501090403	BAKER CREEK TRIBUTARY@ ALVERSON RD	S-984	GREENVILLE	AL	BIO	STANDARD ATTAINED
SALUDA	030501090602	BOYD MILL POND .6 KM W DAM	S-311	LAURENS	AL	TP	STANDARD ATTAINED
SALUDA	030501090604	REEDY RVR AT S-30-06 E WARE SHOALS	S-021	LAURENS	REC	FC	STANDARD ATTAINED
SALUDA	030501090704	NINETY SIX CK AT SC 702 5.2 MI ESE OF 96	S-093	GREENWOOD	AL	CU	STANDARD ATTAINED
SALUDA	030501090804	TURKEY CREEK AT SR 96	S-858	GREENWOOD	AL	BIO	POLLUTANT IDENTIFIED
SALUDA	030501090808	LAKE GREENWOOD 200 FT US OF DAM	S-303	GREENWOOD	AL	CU	STANDARD ATTAINED
SALUDA	030501091207	LAKE MURRAY, SALUDA RVR ARM, US BUSH RVR, 3.8 KM US SC 391	S-310	NEWBERRY	AL	PH	STANDARD ATTAINED
SALUDA	030501091311	LK MURRAY IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CL-083	LEXINGTON	AL	CU	STANDARD ATTAINED
SALUDA	030501100401	TOM'S CREEK AT RED BLUFF RD.	S-950	RICHLAND	AL	BIO	POLLUTANT IDENTIFIED
SALUDA	030501100403	CONGAREE RVR AT US 601 (SC-001)	C-007	CALHOUN	AL	CU	STANDARD ATTAINED
SALUDA	030501100403	CONGAREE RVR AT US 601 (SC-001)	C-007	CALHOUN	REC	FC	STANDARD ATTAINED
SANTEE	030501110103	LK INSPIRATION - ST MATTHEWS (FRONT OF HEALTH DEPT)	C-058	CALHOUN	AL	TN	STANDARD ATTAINED
SANTEE	030501110103	FURTICK BRANCH@ COUNTY RD. 11	CW-517	CALHOUN	REC	FC	APPROVED TMDL
SANTEE	030501110103	LYONS CREEK@ COUNTY RD. 20	CW-546	CALHOUN	REC	FC	APPROVED TMDL

Appendix A: SC Waters Removed from 2008 §303(d) List

BASIN8	HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	DELISTING REASON
SANTEE	030501110109	LAKE MARION FOREBAY, SPILLWAY MARKER 44 (SC-022)	CL-042	ORANGEBURG	AL	CU	STANDARD ATTAINED
SANTEE	030501110109	STREAM FLOWING THRU SANTEE NATIONAL GOLF COURSE POND @ HWY 6	SC-045	ORANGEBURG	REC	FC	STANDARD ATTAINED
SANTEE	030501110109	SURFACE DRAINAGE FROM SAFETY KLEEN HAZARDOUS LANDFILL	SC-057	SUMTER	AL	NI	STANDARD ATTAINED
SANTEE	030501110109	LK MARION AT OLD US 301/15 BRDG AT SANTEE (SC-015)	ST-025	ORANGEBURG	AL	TP	STANDARD ATTAINED
SANTEE	030502010201	WALKER SW AT US 52 2.5 MI S ST STEPHENS	ST-007	BERKELEY	REC	FC	STANDARD ATTAINED
SANTEE	030502010401	WANDO RIVER AT GUERIN CREEK	09B-11	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502010402	WANDO RIVER AT I-526 MARK CLARK EXPRESSWAY (09B-15)	MD-264	CHARLESTON	AL	NH3N	STANDARD ATTAINED
SANTEE	030502010601	DORCHESTER CK AT SC 165	CSTL-013	DORCHESTER	AL	NH3N	STANDARD ATTAINED
SANTEE	030502010603	EAGLE CK AT SC 642 5 MI SSE OF SUMMERVILLE	CSTL-099	DORCHESTER	AL	TURBIDITY	STANDARD ATTAINED
SANTEE	030502010605	CHURCH CK MOUTH	MD-246	CHARLESTON	REC	FC	STANDARD ATTAINED
SANTEE	030502010706	GOOSE CREEK RESERVOIR 100 M US OF DAM	ST-032	BERKELEY	AL	CHLA	POLLUTANT IDENTIFIED
SANTEE	030502010706	GOOSE CREEK RESERVOIR 100 M US OF DAM	ST-032	BERKELEY	FISH	HG	STANDARD ATTAINED
SANTEE	030502010706	GOOSE CK RESERVOIR AT 2ND POWERLINES US OF BOAT RAMP	ST-033	BERKELEY	AL	CHLA, PH	STANDARD ATTAINED
SANTEE	030502010707	BLOCK ISLAND CREEK - 100 YDS S. OF SPLIT FROM SPOIL AREA	10A-32	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502010707	SHEM CK AT BRDG ON US 17	MD-071	CHARLESTON	AL	CU	STANDARD ATTAINED
SANTEE	030502010707	CHAS HBR AT FT JOHNSON PIER AT MARINE SCI LAB	MD-165	CHARLESTON	AL	CU	STANDARD ATTAINED
SANTEE	030502020201	LOG BRIDGE CK AT SC 162	MD-121	CHARLESTON	REC	FC	STANDARD ATTAINED
SANTEE	030502020202	STONO RVR AT S-10-20 2 MI UPSTRM OF CLEMSON EXP STA	MD-202	CHARLESTON	AL	CU	STANDARD ATTAINED
SANTEE	030502020204	FOLLY RIVER AT SC 171	MD-130	CHARLESTON	AL	CU	STANDARD ATTAINED
SANTEE	030502020205	ABBAPOOLA CREEK AT FIRST LARGE BEND	11-06	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502020205	BASS CREEK AT CONFLUENCE WITH CINDER CREEK	11-32	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502020205	CINDER CREEK AT PUBLIC DOCK (3RD BEND FROM CONFLUENCE WITH BASSK CREEK) (C5-01)	11-34	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502090101	ALLIGATOR CREEK AND OCEAN INLET	06B-06	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502090101	AIWW AT MARKER #32	06B-10	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502090101	ALLIGATOR CREEK STATE SHELLFISH GROUND	06B-12	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED

Appendix A: SC Waters Removed from 2008 §303(d) List

BASIN8	HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	DELISTING REASON
SANTEE	030502090101	CASINO CREEK MIDWAY BETWEEN STATIONS 19 AND 24 (AT SMALL UNNAMED CREEK ON RIGHT, SOUTHBOUND)	06B-16	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502090101	CASINO CREEK AND SKRINE CREEK, CONFLUENCE	06B-19	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502090101	DUPREE CREEK 1,000 YARDS UP FROM CLUBHOUSE CREEK	06B-20	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502090101	ALLIGATOR CREEK AND RAMHORN CREEK CONFLUENCE	06B-21	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502090101	RAMHORN CREEK AND MILL CREEK CONFLUENCE	06B-22	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502090101	SKRINE CREEK AND CONGAREE BOAT CREEK CONFLUENCE	06B-23	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502090101	ALLIGATOR CREEK AT STATE SHELLFISH GROUND (06B-12)	MD-265	CHARLESTON	AL	CU	STANDARD ATTAINED
SANTEE	030502090101	CASINO CREEK AT CLOSURE LINE (06B-16)	MD-266	CHARLESTON	AL	CU	STANDARD ATTAINED
SANTEE	030502090201	AWENDAW CREEK AT US 17	MD-250	CHARLESTON	REC	FC	STANDARD ATTAINED
SANTEE	030502090202	HARBOR RIVER AT MARKER #48	07-04	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502090202	TIBWIN CREEK AT MARKER #42	07-05	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502090202	DOEHALL CREEK AT CONFLUENCE OF AIWW - NORTH OF MARKER #46	07-09	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502090202	JEREMY CK NEAR BOAT LANDING AT MCCLELLANVILLE TOWN HALL	MD-203	CHARLESTON	AL	TURBIDITY	STANDARD ATTAINED
SANTEE	030502090202	JEREMY CK NEAR BOAT LANDING AT MCCLELLANVILLE TOWN HALL	MD-203	CHARLESTON	REC	FC	STANDARD ATTAINED
SANTEE	030502090202	AWENDAW CREEK AT MARKER #57 (07-03)	MD-268	CHARLESTON	AL	CU	STANDARD ATTAINED
SANTEE	030502090205	GRAHAM CREEK AND BULLS BAY	07-02A	CHARLESTON	SHELLFISH	FC	STANDARD ATTAINED
SAVANNAH	030601010202	LITTLE EASTATOE CREEK @ MOCCASIN ROAD ( ACROSS BOGGS PROPERTY)	SV-806	PICKENS	REC	FC	APPROVED TMDL
SAVANNAH	030601010305	UNNAMED TRIB TO LITTLE CANE CREEK	SV-811	OCONEE	REC	FC	APPROVED TMDL
SAVANNAH	030601010305	UNNAMED TRIB TO LITTLE CANE CREEK @ TAYLOR ROAD	SV-812	OCONEE	REC	FC	APPROVED TMDL
SAVANNAH	030601010502	CONEROSS CK AT SC 59	SV-004	OCONEE	AL	ZN	STANDARD ATTAINED
SAVANNAH	030601020210	TUGALOO LAKE, FOREBAY EQUIDISTANT FROM SPILLWAY AND SHORELINES	SV-359	OCONEE	AL	PH	STANDARD ATTAINED
SAVANNAH	030601060801	FOURMILE BRANCH AT SRP ROAD A-7	SV-326	BARNWELL	AL	PH	STANDARD ATTAINED
SAVANNAH	030601060902	BRIAR CRK. AT S-102	SV-745	ALLENDALE	AL	BIO	POLLUTANT IDENTIFIED
SAVANNAH	030601070303	STEVENS CREEK AT S-33-88/S-19-143	SV-354	EDGEFIELD	AL	CU	STANDARD ATTAINED
SAVANNAH	030601090406	WRIGHT RIVER 1.5 MILES US FROM FIELDS CUT (19-20)	MD-259	JASPER	AL	CU, NI	STANDARD ATTAINED

Appendix A: SC Waters Removed from 2008 §303(d) List

BASIN8	HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	DELISTING REASON
SAVANNAH	030601100302	BROAD CREEK AT PALMETTO BAY MARINA CSZ **(COMBINED 20-04E&F)	20-04A	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SAVANNAH	030601100302	BROAD CREEK AT BROAD CREEK MARINA CSZ **(COMBINED 20-17E&F)	20-17B	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SAVANNAH	030601100302	BROAD CREEK AT SHELTER COVE MARINA	20-18	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SAVANNAH	030601100302	BROAD CREEK @ SOUTHERN BOUNDARY SOUTH ISLAND WWTP PROHIBITED CLOSURE ZONE	20-28	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED
SAVANNAH	030601100302	BROAD CREEK @ SOUTHERN BOUNDARY NORTH ISLAND WWTP PROHIBITED CLOSURE ZONE	20-29	BEAUFORT	SHELLFISH	FC	STANDARD ATTAINED

## **Appendix B:**

### **Sites Located Within an Approved TMDL Watershed and Corresponding Water Quality Attainment Status.**

The following appendix includes a complete list of sites where approved TMDLs have been developed for the pollutant of concern. Because TMDLs are developed for each pollutant of concern, a site may be included in this appendix multiple times by pollutant. The presence of an approved TMDL does not necessarily mean that the water quality standard has been met (or attained) for the pollutant of concern; however, 40 CFR 130.7 indicates the presence of a TMDL is “good cause” for not including a site on the §303(d) List for the pollutant of concern. Attainment of the water quality should be achieved once the TMDL has been implemented.

Water Quality data continues to be collected following TMDL development and assessment of data may indicate impairment for the pollutant of concern. In some cases, sites were not impaired when the TMDL was developed, but have since become impaired for the pollutant of concern. New sampling sites may also be established and subsequent data assessment may reveal that these sites are impaired. In either situation, if a site is located within the targeted watershed area for which a TMDL was developed, it is considered to be included in the scope of relevant approved TMDL document. For the purposes of developing this appendix, sites have either been categorized as either “in a TMDL area,” where the site was impaired at the time of TMDL development, or “within an approved TMDL area,” where the site became impaired after the initial TMDLs were developed and approved for the targeted watershed area. Both categories of sites are not included on the §303(d) List because the TMDL load reductions prescribed for the watershed area, once implemented, may result in attainment of the water quality standard in the entire watershed for the pollutant of concern.

Appendix B includes all approved TMDL sites, site descriptive information, development category, and whether the water quality standard is being attained for the pollutant of concern. Sites that were removed from the 2008 §303(d) List due to the presence in an approved TMDL are also identified with an asterisk (\*).



## Appendix B: SC Waters With An Approved TMDL

NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	BROAD	030501050506	SUCK CK AT S-11-60 5 MI ENE OF CHESNEE	RS-07038	CHEROKEE	REC	FC	Not Supported	WnTMDL	022-04	04/22/10
	BROAD	030501050805	BUFFALO CK AT SC 5 1 MI W OF BLACKSBURG	B-057	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501050805	BUFFALO CREEK AT S-11-213, 2.2 MI NNW OF BLACKSBURG	B-119	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501050902	KINGS CREEK AT S-11-209, 3 MI W OF SMYRNA	B-333	CHEROKEE	REC	FC	Not Supported	WnTMDL	022-04	09/30/04
	BROAD	030501051001	LIMESTONE CK AT S-11-301	B-128	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051002	IRENE CK AT S-11-307 2.5 MI W OF GAFFNEY	B-059	CHEROKEE	REC	FC	Fully Supported	InTMDL	022-04	09/30/04
	BROAD	030501051002	THICKETTY CREEK AT S-11-164	B-095	CHEROKEE	REC	FC	Fully Supported	InTMDL	022-04	09/30/04
	BROAD	030501051002	LITTLE THICKETTY CREEK AT S-42-307 1.2 MI NE OF COWPENS	RS-04376	SPARTANBURG	REC	FC	Not Supported	WnTMDL	022-04	09/30/04
	BROAD	030501051003	GILKEY CK AT S-11-231, 9 MI SE OF GAFFNEY	B-334	CHEROKEE	REC	FC	Fully Supported	InTMDL	022-04	09/30/04
	BROAD	030501051004	THICKETTY CK AT SC 211 2 MI AB JCT WITH BROAD RVR	B-062	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051004	THICKETTY CK AT SC 18 8.3 MI S OF GAFFNEY	B-133	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051101	CLARK FORK INTO CRAWFORD LK ON UN# RD NEAR SC 161 & 705-KINGS MT	B-325	YORK	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051101	LONG BRANCH ON SC 216 BL KINGS MTN PK REC AREA	B-326	YORK	REC	FC	Fully Supported	InTMDL	022-04	09/30/04
	BROAD	030501051103	BULLOCK CK AT SC 97 4.8 MI S OF HICKORY GROVE	B-159	YORK	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051103	BULLOCK CREEK AT SC 211 8.43 MI WSW OF YORK	RS-05394	YORK	REC	FC	Not Supported	WnTMDL	022-04	09/30/04
	BROAD	030501051202	PAGE CK AT S-42-1258 1.7 MI SE LANDRUM	B-301	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051203	N PACOLET RVR AT S-42-956 6.5 MI E LANDRUM	B-026	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051203	N PACOLET RVR AT S-42-978, 1 MI SE OF FINGERVILLE	B-126	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051203	OBED CREEK AT UNNUMBERED CHRISTOPHER ROAD OFF SC 11	RS-03514	SPARTANBURG	REC	FC	Not Supported	WnTMDL	022-04	09/30/04

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NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	BROAD	030501051301	SPIVEY CK AT S-42-208 2.5 MI SSE OF LANDRUM	B-103	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051301	S PACOLET RVR AT S-42-866 1 MI SE CAMPOBELLO	B-302	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051401	LAWSONS FK CK AT S-42-40 BL INMAN MILL EFF	B-221	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051401	LAWSONS FORK CK AT S-42-218 2.7 MI SSE OF INMAN	B-277	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051401	LAWSONS FORK CK AT UN# RD BL MILLIKEN CHEM	B-278	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051401	LAWSONS FORK CK AT S-42-79 AT VALLEY FALLS	BL-005	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051401	MEADOW CK AT S-42-822	RS-02320	SPARTANBURG	REC	FC	Not Supported	WnTMDL	022-04	09/30/04
	BROAD	030501051402	LAWSONS FORK CK AT S-42-108	BL-001	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051501	LITTLE BUCK CK AT UN# CO RD 2.3 MI SW OF CHESNEE	B-259	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051501	LAKE BLALOCK 0.1 MI SE BUCK CREEK CHURCH/S-42-189	RL-03345	SPARTANBURG	REC	FC	Not Supported	WnTMDL	022-04	09/30/04
	BROAD	030501051502	PACOLET RVR AT S-42-55 BL JCT OF N & S PACOLET R	B-028	SPARTANBURG	REC	FC	Fully Supported	InTMDL	022-04	09/30/04
	BROAD	030501051504	POTTER BR ON RD 30 BL OUTFALL FROM HOUSING PROJ COWPENS	B-191	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051504	PACOLET RVR AT S-42-59, BEACON LIGHT ROAD IN CLIFTON	B-331	SPARTANBURG	REC	FC	Fully Supported	InTMDL	022-04	09/30/04
	BROAD	030501051505	PACOLET RVR AB DAM AT PACOLET MILLS	BP-001	SPARTANBURG	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051506	PACOLET RVR AT SC 105 6 MI AB JCT WITH BROAD RVR	B-048	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051601	BROAD RVR AT SC 18 4 MI NE GAFFNEY	B-042	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051602	CHEROKEE CK AT US 29 3 MI E OF GAFFNEY	B-056	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051603	CANOE CK AT S-11-245 1/2 MI W OF BLACKSBURG	B-088	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051603	PEOPLES CK AT S-11-50 6 MI E OF GAFFNEY	B-100	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051603	PEOPLES CK AT UNIMPROVED RD 2.3 MI E OF GAFFNEY	B-211	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04

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NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	BROAD	030501051603	DOOLITTLE CK AT S-11-100 1.25 MI SE OF BLACKSBURG	B-323	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051604	BROAD RVR AT SC 211 12 MI SE OF GAFFNEY	B-044	CHEROKEE	REC	FC	Not Supported	InTMDL	022-04	09/30/04
	BROAD	030501051604	GUYONMOORE CREEK AT S-46-233	B-330	YORK	REC	FC	Fully Supported	InTMDL	022-04	09/30/04
	BROAD	030501060102	ROSS BR TO TURKEY CK AT SC 49 SW OF YORK	B-086	YORK	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060102	TURKEY CREEK AT S-46-41 5.3 MI SW YORK	RS-05562	YORK	REC	FC	Not Supported	WnTMDL	028-05	09/11/05
	BROAD	030501060105	TURKEY CK AT SC 9, 14 MI NW OF CHESTER	B-136	CHESTER	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060105	KIRK PATRICK BRANCH AT S-12-306 FIRST BRIDGE FROM SC 97 8.3 MI W OF LOWRYS	RS-06163	CHESTER	REC	FC	Not Supported	WnTMDL	028-05	09/11/05
	BROAD	030501060202	DRY FORK AT S-12-304 2 MI SW OF CHESTER	B-074	CHESTER	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060205	SANDY RVR AT SC 215 2.5 MI AB JCT WITH BROAD RVR	B-075	CHESTER	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060302	MENG CK AT SC 49 2.5 MI E OF UNION	B-064	UNION	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060302	BROWNS CK AT S-44-86, 8 MI E OF UNION	B-155	UNION	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060302	TRIB TO MENG CK AT CLVT ON S-44-384 3 MI E OF UNION	B-243	UNION	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060302	GREGORYS CK AT S-44-86, 8 MI E OF UNION	B-335	UNION	REC	FC	Fully Supported	InTMDL	028-05	09/11/05
	BROAD	030501060303	CLARKS CREEK (TRIBUTARY TO BROAD RIVER) AT FOREST SERVICE RD 305 IN WOODS FERRY PARK 13 MI W OF CHESTER	RS-04543	CHESTER	REC	FC	Not Supported	WnTMDL	028-05	09/11/05
	BROAD	030501060305	BROAD RVR AT SC 72/215/121 3 MI E OF CARLISLE	B-046	CHESTER	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060401	MCCLURES CREEK AT SC-215 6.7 MI SE OF CARLISLE	RS-04527	FAIRFIELD	REC	FC	Not Supported	WnTMDL	028-05	09/11/05
	BROAD	030501060405	MUD CREEK AT UNN/UNIMP MOORE BRANCH ROAD OFF SC 219 0.5 MI SE S-36-499	RS-03343	NEWBERRY	REC	FC	Not Supported	WnTMDL	028-05	09/11/05
	BROAD	030501060504	WINNSBORO BR BELOW PLANT OUTFALL	B-077	FAIRFIELD	REC	FC	Not Supported	InTMDL	028-05	09/11/05

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NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	BROAD	030501060504	JACKSON CK AT S-20-54, 5 MI W OF WINNSBORO	B-102	FAIRFIELD	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060504	WINNSBORO BR AT US 321-AB WINNSBORO MILLS OUTFALL	B-123	FAIRFIELD	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060505	MILL CK AT S-20-48, 10 MI SW OF WINNSBORO	B-338	FAIRFIELD	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060507	LITTLE RVR AT S-20-60 3.1 MI SE OF JENKINSVILLE	B-145	FAIRFIELD	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060507	LITTLE RVR AT SC 215, 1.5 MI NE OF CONFLUENCE WITH BROAD RVR	B-350	RICHLAND	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060603	BIG CEDAR CK AT SC 215	B-320	RICHLAND	REC	FC	Not Supported	InTMDL	007-01	03/26/01
	BROAD	030501060701	UNN TRIB TO CRIMS CREEK AT S-36-25 (DR BOWERS RD). SAMPLE BEFORE CONFL W/ LARGER CRIMS CREEK	RS-03517	NEWBERRY	REC	FC	Not Supported	WnTMDL	028-05	09/11/05
	BROAD	030501060704	HOLLINSHEAD CREEK AT S-40-80 5. MI N OF IRMO	RS-06003	RICHLAND	REC	FC	Not Supported	WnTMDL	028-05	09/11/05
	BROAD	030501060706	ELIZABETH LAKE AT SPILLWAY ON US 21	B-110	RICHLAND	REC	FC	Fully Supported	InTMDL	028-05	09/11/05
	BROAD	030501060707	CRANE CK AT S-40-43 UNDER I-20 - N COLA	B-316	RICHLAND	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060708	SMITH BR AT N MAIN ST (US 21) IN COLA	B-280	RICHLAND	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060708	BROAD RVR AT US 176 (BROAD RIVER RD) IN COLUMBIA	B-337	RICHLAND	REC	FC	Not Supported	InTMDL	028-05	09/11/05
	BROAD	030501060708	BROAD RIVER @ COLUMBIA DIVERSION CANAL	B-834	RICHLAND	REC	FC	Not Supported	WnTMDL	028-05	09/11/05
	BROAD	030501070101	MIDDLE TYGER RVR AT SC 14 2 MI SSW GOWANSVILLE	B-148	GREENVILLE	REC	FC	Not Supported	InTMDL	020-99	09/16/99
	BROAD	030501070103	MIDDLE TYGER RVR AT S-42-63	B-012	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070103	MIDDLE TYGER RVR AT S-42-64	B-014	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070201	N TYGER RVR AT US 29 7.2 MI W OF SPARTANBURG	B-219	SPARTANBURG	REC	FC	Fully Supported	InTMDL	021-04	09/30/04
	BROAD	030501070201	TRIB TO N TYGER RVR AT UN# RD BL JACKSON #2 EFF	B-315	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070203	NORTH TYGER RVR AT S-42-231, 11 MI S OF SPARTANBURG	B-018A	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04

## Appendix B: SC Waters With An Approved TMDL

NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	BROAD	030501070301	MUSH CK AT SC 253 BL TIGERVILLE	B-317	GREENVILLE	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070303	SOUTH TYGER RVR AT S-42-63	B-005	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070303	S TYGER RVR AT SC 290 3.7 MI E OF GREER	B-263	SPARTANBURG	REC	FC	Fully Supported	InTMDL	021-04	09/30/04
	BROAD	030501070305	S TYGER RVR AT S-42-86, 5 MI NE OF WOODRUFF	B-332	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070305	BRUSHY CREEK AT BUSHY CREEK RD 10.7 MI SW OF SPARTANBURG	RS-05578	SPARTANBURG	REC	FC	Not Supported	WnTMDL	021-04	09/30/04
	BROAD	030501070401	FAIRFOREST CK AT US 221 S OF SPARTANBURG	B-020	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070401	FAIRFOREST CK AT S-42-651 3.5 MI SSE OF SPARTANBURG	B-164	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070401	TRIB TO FAIRFOREST CK 200 FT BL S-42-65	B-321	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070402	FAIRFOREST CK AT SC 56	B-021	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070402	KELSEY CK AT S-42-321	B-235	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070405	MITCHELL CK AT CO RD 233 2.3 MI SSW OF JONESVILLE	B-199	UNION	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070405	FAIRFOREST CK ON CO RD 12 SW OF JONESVILLE	BF-007	UNION	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070406	TOSCHS CK AT S-44-75 2 MI SW OF UNION	B-067A	UNION	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070406	TOSCHS CK AT ANIMAL SHELTER RD TO SEWAGE TP OFF SC 49 SW OF UNION	B-067B	UNION	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070406	FAIRFOREST CK AT S-44-16 SW OF UNION	BF-008	UNION	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070501	JIMMIES CK AT S-42-201 2 MI E OF WOODRUFF	B-019	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070503	TYGER RVR AT S-42-50 E. WOODRUFF	B-008	SPARTANBURG	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070505	TINKER CK AT RD TO STP 1.3 MI SSE OF UNION	B-286	UNION	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070505	TINKER CK AT UN# CO RD 1.7 MI SSE OF UNION	B-287	UNION	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070505	TINKER CK AT S-44-278, 9 MI SSE OF UNION	B-336	UNION	REC	FC	Not Supported	InTMDL	021-04	09/30/04
	BROAD	030501070507	TYGER RVR AT SC 72 5.5 MI SW OF CARLISLE	B-051	UNION	REC	FC	Fully Supported	InTMDL	021-04	09/30/04

## Appendix B: SC Waters With An Approved TMDL

NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	BROAD	030501080101	MOUNTAIN CK AT S-23-335	B-186	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080101	ENOREE RVR AT UNNUM RD W US 25 N TRAVELERS REST	BE-001	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080101	BEAVERDAM CK AT RD 1967	BE-039	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080101	UNNAMED TRIB TO MOUNTAIN CREEK AT THE END OF EMMA ST OFF OF SEVIER ST OFF OF S-23-167 5 MI NNE OF GREENVILLE	RS-05594	GREENVILLE	REC	FC	Not Supported	WnTMDL	016-04	09/30/04
	BROAD	030501080102	PRINCESS CREEK AT SUBER MILL RD, SECOND RD S OF US 29 OFF S-23-540	B-192	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080102	ROCKY CK AT BRDG IN BATESVILLE 1 MI AB JCT WITH ENOREE	BE-007	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080102	BRUSHY CK AT S-23-164	BE-009	GREENVILLE	REC	FC	Not Supported	InTMDL	016-99	09/16/99
	BROAD	030501080102	ENOREE RVR AT CO RD 164	BE-015	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080102	BRUSHY CK AT HOWELL RD (S-23-273/335) APPROX 5 MI NE OF GREENVILLE (BIO B-798)	BE-035	GREENVILLE	REC	FC	Not Supported	InTMDL	016-99	09/16/99
	BROAD	030501080103	GILDER CK AT S-23-142 2.75 MI ENE OF MAULDIN	B-241	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080103	GILDER CK AT S-23-143 1/4 MI AB JCT WITH ENOREE RVR	BE-020	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080103	GILDER CK AT SC 14-AB GILDERS CK PT	BE-040	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080104	ENOREE RVR AT SC 296, 7.5 MI NE OF MAULDIN	BE-017	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080105	DURBIN CK ON S-23-160 3 MI E OF SIMPSONVILLE	B-035	GREENVILLE	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080105	DURBIN CREEK AT SC 418	B-097	LAURENS	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080105	DURBIN CREEK AT SC 418	B-097	LAURENS	AL	PH	Not Supported	InTMDL	017-06	09/01/06
	BROAD	030501080106	ENOREE RVR AT S-42-118 SW OF WOODRUFF	B-037	LAURENS	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080106	LICK CK AT S-42-118 1 1/4 MI SW WOODRUFF	B-038	SPARTANBURG	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080106	ENOREE RVR AT S-30-112	B-040	LAURENS	REC	FC	Not Supported	WnTMDL	016-04	09/30/04
	BROAD	030501080106	ENOREE RVR AT S-30-75	BE-018	LAURENS	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080201	BEAVERDAM CK AT S-30-97, 7 MI NE OF GRAY COURT	B-246	LAURENS	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080201	BEAVERDAM CREEK AT S-30-399 10 MI N OF LAURENS	RS-05566	LAURENS	REC	FC	Not Supported	WnTMDL	016-04	09/30/04

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NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	BROAD	030501080202	WARRIOR CK AT US 221, 8 MI NNE OF LAURENS	B-150	LAURENS	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080204	ENOREE RVR AT SC 49 SE OF WOODRUFF	B-041	LAURENS	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080204	ENOREE RVR AT US 221	BE-024	LAURENS	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080206	ENOREE RVR AT SC 72, 121, & US 176, 1 MI NE WHITMIRE	B-053	NEWBERRY	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080301	BEARDS FORK CK AT US 276 (I-385) 3.7 MI NNE OF CLINTON	B-231	LAURENS	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080302	SOUTH FORK DUNCAN CREEK AT GRAVEL RD (LITTLE N CAROLINA RD) NEXT TO SEABOARD COAST LINE RR	RS-06007	LAURENS	REC	FC	Not Supported	WnTMDL	016-04	09/30/04
	BROAD	030501080303	DUNCAN CK AT US 176 1.5 MI SE OF WHITMIRE	B-072	NEWBERRY	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	BROAD	030501080303	DUNCAN CREEK AT COUNTY RD 26, 4.5 M NE OF CLINTON	RS-01057	LAURENS	REC	FC	Not Supported	WnTMDL	016-04	09/30/04
	BROAD	030501080502	ENOREE RVR AT S-36-45 3.5 MI AB JCT WITH BROAD RVR	B-054	NEWBERRY	REC	FC	Not Supported	InTMDL	016-04	09/30/04
	CATAWBA	030501011504	BROWN CREEK AT S-46-228 (GUINN ST), 0.3 MI WEST OF OLD NORTH MAIN STREET IN CLOVER, SC	CW-105	YORK	REC	FC	Not Supported	InTMDL	005-02	07/19/02
	CATAWBA	030501011504	BEAVERDAM CK AT S-46-152 8 MI E OF CLOVER	CW-153	YORK	REC	FC	Not Supported	InTMDL	005-02	07/19/02
	CATAWBA	030501011504	BEAVERDAM CREEK AT BRIDGE ON S-46-64 3.2 MI ENE OF CLOVER	RS-06020	YORK	REC	FC	Not Supported	WnTMDL	005-02	07/19/02
	CATAWBA	030501011505	CROWDERS CK AT S-46-564 NE CLOVER	CW-023	YORK	REC	FC	Not Supported	InTMDL	NC TMDL	
	CATAWBA	030501011505	CROWDERS CREEK AT S-46-1104	CW-024	YORK	REC	FC	Not Supported	InTMDL	NC TMDL	
	CATAWBA	030501011505	SOUTH FORK CROWDERS CK AT S-46-79 4.5 MI NW OF CLOVER	CW-192	YORK	REC	FC	Fully Supported	WnTMDL	NC TMDL	
	CATAWBA	030501011506	CALABASH BR AT S-46-414 2.5 MI SE OF CLOVER	CW-134	YORK	REC	FC	Not Supported	InTMDL	010-03	12/10/03
	CATAWBA	030501011506	ALLISON CK AT US 321 3.1 MI S OF CLOVER	CW-171	YORK	REC	FC	Not Supported	InTMDL	011-03	12/19/03
	CATAWBA	030501011506	ALLISON CK AT S-46-114	CW-249	YORK	REC	FC	Not Supported	InTMDL	007-07	02/22/07
	CATAWBA	030501030108	STEELE CK AT S-46-22 N OF FORT MILL	CW-009	YORK	REC	FC	Not Supported	InTMDL	010-07	08/31/07
	CATAWBA	030501030108	STEELE CK AT S-46-270	CW-011	YORK	REC	FC	Fully Supported	InTMDL	010-07	08/31/07

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NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	CATAWBA	030501030108	STEELE CK AT S-46-98	CW-203	YORK	REC	FC	Not Supported	InTMDL	010-07	08/31/07
	CATAWBA	030501030203	SIXMILE CREEK AT S-29-54	CW-176	LANCASTER	REC	FC	Fully Supported	InTMDL	031-05	09/11/05
	CATAWBA	030501030204	TWELVEMILE CK AT S-29-55 0.3 MI NW OF VAN WYCK	CW-083	LANCASTER	REC	FC	Not Supported	InTMDL	031-05	09/11/05
	CATAWBA	030501030302	CANE CK AT SC 200 5 MI NNE OF LANCASTER	CW-185	LANCASTER	REC	FC	Not Supported	InTMDL	07-03	09/12/03
	CATAWBA	030501030303	BEAR CK AT S-29-362 3.5 MI SE OF LANCASTER	CW-151	LANCASTER	REC	FC	Fully Supported	InTMDL	07-03	09/12/03
	CATAWBA	030501030304	GILLS CK AT US 521 NNW OF LANCASTER	CW-047	LANCASTER	REC	FC	Not Supported	InTMDL	07-03	09/12/03
	CATAWBA	030501030304	BEAR CK AT S-29-292 1.6 MI W OF LANCASTER	CW-131	LANCASTER	REC	FC	Not Supported	InTMDL	07-03	09/12/03
	CATAWBA	030501030304	HANNAHS CREEK AT S-29-376 3.4 MI E OF LANCASTER	RS-05403	LANCASTER	REC	FC	Not Supported	WnTMDL	07-03	09/12/03
	CATAWBA	030501030304	GILLS CK AT S-29-36 4.5 MI ENE OF LANCASTER	RS-07043	LANCASTER	REC	FC	Not Supported	WnTMDL	07-03	09/12/03
	CATAWBA	030501030305	CANE CK AT S-29-50	CW-017	LANCASTER	REC	FC	Not Supported	InTMDL	07-03	09/12/03
	CATAWBA	030501030305	RUM CK AT S-29-187	CW-232	LANCASTER	REC	FC	Fully Supported	WnTMDL	07-03	09/12/03
	CATAWBA	030501030401	WILDCAT CK AT S-46-650	CW-006	YORK	REC	FC	Fully Supported	InTMDL	004-02	06/19/02
	CATAWBA	030501030401	WILDCAT CK AT S-46-998 9 MI ENE OF MCCONNELLS	CW-096	YORK	REC	FC	Not Supported	InTMDL	004-02	06/19/02
*	CATAWBA	030501030401	TOOLS FORK CREEK @ S-46-47	CW-169	YORK	REC	FC	Not Supported	WnTMDL	004-02	09/16/04
	CATAWBA	030501030401	TOOLS FORK AT S-46-195 7 MI NW OF ROCK HILL	CW-212	YORK	REC	FC	Not Supported	InTMDL	004-02	06/19/02
	CATAWBA	030501030402	FISHING CK AT S-46-347 DS YORK WWTP	CW-005	YORK	REC	FC	Not Supported	InTMDL	004-02	06/19/02
	CATAWBA	030501030402	FISHING CK AT SC 49 NE YORK	CW-029	YORK	REC	FC	Not Supported	InTMDL	004-02	06/19/02
	CATAWBA	030501030402	FISHING CREEK AT S-46-503	CW-225	YORK	REC	FC	Not Supported	InTMDL	004-02	06/19/02
	CATAWBA	030501030402	LANGHAM BRANCH AT BENFIELD RD BETWEEN SC 324 AND S-46-1172 4.2 MI SE OF YORK	RS-07208	YORK	REC	FC	Not Supported	WnTMDL	004-02	06/19/02
	CATAWBA	030501030407	FISHING CREEK AT S-46-163	CW-224	YORK	REC	FC	Not Supported	InTMDL	004-02	06/19/02
	CATAWBA	030501030408	NEELYS CREEK AT 2-46-997	CW-227	YORK	REC	FC	Not Supported	InTMDL	004-02	06/19/02
	CATAWBA	030501030408	TINKERS CK AT S-12-599	CW-234	CHESTER	REC	FC	Not Supported	InTMDL	004-02	06/19/02



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NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	CATAWBA	030501030409	FISHING CK AT SC 223 NE RICHBURG	CW-008	CHESTER	REC	FC	Not Supported	InTMDL	004-02	06/19/02
	CATAWBA	030501030410	FISHING CREEK AT S-12-77	CW-233	CHESTER	REC	FC	Not Supported	InTMDL	004-02	06/19/02
	CATAWBA	030501030502	ROCKY CK AT S-12-335 3.5 MI E OF CHESTER	CW-002	CHESTER	REC	FC	Not Supported	InTMDL	010-01	08/16/01
	CATAWBA	030501030502	GRASSY RUN BR AT SC 72 1.6 MI NE CHESTER	CW-088	CHESTER	REC	FC	Not Supported	InTMDL	010-01	08/16/01
	CATAWBA	030501030503	BEAVERDAM CREEK AT BRIDGE ON S-12-198 3.5 MI NW OF GREAT FALLS	RS-06171	CHESTER	REC	FC	Not Supported	WnTMDL	010-01	08/16/01
	CATAWBA	030501030505	CEDAR CK RESERVOIR/ROCKY CK AT S-12-141 SE OF GREAT FALLS	CW-175	CHESTER	REC	FC	Not Supported	InTMDL	010-01	08/16/01
	CATAWBA	030501030505	ROCKY CK AT S-12-138	CW-236	CHESTER	REC	FC	Not Supported	InTMDL	010-01	08/16/01
	CATAWBA	030501030602	UNNAMED TRIB TO CATAWBA RVR AT HWY 161 0.4 MI W OF I-77	CW-221	YORK	REC	FC	Not Supported	InTMDL	019-99	09/16/99
	CATAWBA	030501030603	WAXHAW CK AT S-29-29	CW-145	LANCASTER	REC	FC	Not Supported	InTMDL	031-05	09/11/05
	CATAWBA	030501030605	CAMP CK AT SC 97	CW-235	LANCASTER	REC	FC	Not Supported	InTMDL	017-99	09/16/99
	CATAWBA	030501030606	CEDAR CK RESERVOIR AT UNIMP RD AB JCT WITH ROCKY CK	CW-174	CHESTER	REC	FC	Fully Supported	InTMDL	010-01	08/16/01
	CATAWBA	030501040105	BIG WATEREE CK AT US 21	CW-072	FAIRFIELD	REC	FC	Not Supported	InTMDL	007-04	04/27/04
	CATAWBA	030501040105	BIG WATEREE CK AT US 21	CW-072	FAIRFIELD	AL	TURBIDITY	Fully Supported	InTMDL	008-04	04/27/04
	CATAWBA	030501040203	SAWNEYS CK AT S-28-37	CW-079	KERSHAW	REC	FC	Not Supported	InTMDL	05-03	05/05/03
	CATAWBA	030501040203	SAWNEYS CK AT S-20-151	CW-228	FAIRFIELD	REC	FC	Not Supported	InTMDL	05-03	05/05/03
	CATAWBA	030501040203	UNNAMED TRIB TO SAWNEYS CREEK AT SC 34	RS-08073	FAIRFIELD	REC	FC	Not Supported	WnTMDL	05-03	05/05/03
	CATAWBA	030501040206	BEAR CK AT S-40-82	CW-229	RICHLAND	REC	FC	Not Supported	WnTMDL	014-04	09/16/04
	CATAWBA	030501040207	TWENTYFIVE MILE CK AT S-28-05 3.7 MI W OF CAMDEN	CW-080	KERSHAW	REC	FC	Not Supported	InTMDL	014-04	09/16/04
	CATAWBA	030501040401	KELLY CK AT S-28-367 2.9 MI SE OF ELGIN	CW-154	KERSHAW	REC	FC	Fully Supported	InTMDL	013-04	09/16/04

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NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	CATAWBA	030501040402	SPEARS CK AT SC 12 3.6 MI SE OF ELGIN	CW-155	KERSHAW	REC	FC	Not Supported	WnTMDL	013-04	09/16/04
	CATAWBA	030501040402	SPEARS CK AT US 601	CW-166	KERSHAW	REC	FC	Not Supported	InTMDL	013-04	09/16/04
	EDISTO	030502030101	CHINQUAPIN CREEK AT SC 391 5.5 MI S BATESBURG	E-091	AIKEN	REC	FC	Not Supported	InTMDL	012-07	11/30/07
	EDISTO	030502030101	HORSE PEN CREEK AT UPSTREAM SIDE OF COUNTY RD 391, 1.5 M S OF BATESBURG	RS-01004	LEXINGTON	REC	FC	Not Supported	InTMDL	012-07	11/30/07
*	EDISTO	030502030102	LIGHTWOOD KNOT CK OFF S-32-77 AT BATESBURG WATER INTAKE	E-101	LEXINGTON	REC	FC	Not Supported	WnTMDL	012-07	11/30/07
	EDISTO	030502030103	N FORK EDISTO RVR AT S-02-74	E-084	AIKEN	REC	FC	Fully Supported	InTMDL	012-07	11/30/07
	EDISTO	030502030106	N FORK EDISTO RVR AT S-02-110	E-102	AIKEN	REC	FC	Not Supported	InTMDL	012-07	11/30/07
	EDISTO	030502040101	S FORK EDISTO RVR AT S-19-57 BL JOHNSTON SWR OUTFALL	E-002	EDGEFIELD	REC	FC	Not Supported	InTMDL	030-05	09/11/05
	EDISTO	030502040104	ROCKY SPRING CREEK AT MOORE RD OFF COUNTY RD 264, 7 M NE OF AIKEN	RS-01034	AIKEN	REC	FC	Not Supported	InTMDL	030-05	09/11/05
	EDISTO	030502040303	GOODLAND CK AT SC 4 2.1 MI E OF SPRINGFIELD	E-036	ORANGEBURG	REC	FC	Fully Supported	InTMDL	030-05	09/11/05
	EDISTO	030502040309	ROBERTS SWAMP AT SC 332	E-039	ORANGEBURG	REC	FC	Not Supported	InTMDL	021-05	05/27/05
	EDISTO	030502050101	GRAMLING CK AT CLVT ON SC 33 2 MI E OF ORANGEBURG	E-022	ORANGEBURG	REC	FC	Not Supported	InTMDL	015-06	04/27/06
	EDISTO	030502050101	LITTLE BULL CK CK AT SC 33-BL UTICA TOOL CO	E-076	ORANGEBURG	REC	FC	Not Supported	InTMDL	015-06	04/27/06
	EDISTO	030502050107	COW CASTLE CK AT S-38-170	E-050	ORANGEBURG	REC	FC	Not Supported	InTMDL	015-06	04/27/06
	EDISTO	030502050108	FOUR HOLE SWP AT S-38-50 5.2 MI SE OF CAMERON	E-059	ORANGEBURG	REC	FC	Not Supported	InTMDL	015-06	04/27/06
	EDISTO	030502050301	HORSE RANGE SWAMP AT US 176	E-052	ORANGEBURG	REC	FC	Not Supported	InTMDL	015-06	04/27/06
	EDISTO	030502050301	HORSE RANGE SWAMP AT S-38-1264	RS-02303	ORANGEBURG	REC	FC	Not Supported	WnTMDL	015-06	04/27/06
	EDISTO	030502050302	PROVIDENCE SWP AT E FRONTAGE RD TO I-95 NW OF HOLLY HILL	E-051	ORANGEBURG	REC	FC	Not Supported	InTMDL	015-06	04/27/06

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	EDISTO	030502060105	CATTLE CK AT S-18-19	E-108	DORCHESTER	REC	FC	Not Supported	InTMDL	015-04	09/30/04
	EDISTO	030502060202	GUM BRANCH AT S-18-167 4.9 MI SE OF ST GEORGE	RS-05572	DORCHESTER	REC	FC	Not Supported	WnTMDL	008-07	02/22/07
	EDISTO	030502060203	POLK SWP AT UNIMP RD S-18-180 2 MI S OF ST GEORGE	E-016	DORCHESTER	REC	FC	Fully Supported	InTMDL	018-06	09/01/06
	EDISTO	030502060203	POLK SWAMP AT S-18-19	E-109	DORCHESTER	REC	FC	Not Supported	InTMDL	018-06	09/01/06
	EDISTO	030502060204	INDIAN FIELD SWAMP AT S-18-19	E-032	DORCHESTER	REC	FC	Not Supported	InTMDL	008-07	02/22/07
	PEEDEE	030402010403	DEEP CREEK 75 FT UPSTREAM OF SC 9, 5.5 M W OF CHESTERFIELD	RS-01013	CHESTERFIELD	REC	FC	Not Supported	WnTMDL	02-04	01/13/04
	PEEDEE	030402010408	THOMPSON CK AT S-13-243 0.8 MI NE OF CHESTERFIELD	PD-246	CHESTERFIELD	REC	FC	Not Supported	InTMDL	02-04	01/13/04
	PEEDEE	030402010408	THOMPSON CK AT SC 9 1.5 MI ESE OF CHESTERFIELD	PD-247	CHESTERFIELD	REC	FC	Not Supported	InTMDL	02-04	01/13/04
	PEEDEE	030402010902	GULLEY BR AT S-21-13, TIMROD PARK	PD-065	FLORENCE	REC	FC	Not Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402011102	SMITH SWP AT US 501 1.9 MI SSE OF MARION	PD-187	MARION	REC	FC	Fully Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402011102	SMITH SWP AT S-34-19 1 MI E OF MARION	PD-320	MARION	REC	FC	Fully Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402020101	HILLS CREEK AT S-13-105	PD-333	CHESTERFIELD	REC	FC	Fully Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402020103	N BR WILDCAT CK AT S-29-39 1 MI S OF TRADESVILLE	PD-179	LANCASTER	REC	FC	Fully Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402020103	S BR WILDCAT CK AT S-29-39 2 MI S OF TRADESVILLE	PD-180	LANCASTER	REC	FC	Not Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402020103	UNNAMED TRIB TO N BRANCH WILDCAT CREEK AT CULVERT ON UNNUMBERED PAVED RD (ROBERT USHER RD) BETWEEN S-29-328 AND S-29-83	RS-06185	LANCASTER	REC	FC	Not Supported	WnTMDL	029-05	09/11/05
	PEEDEE	030402020104	FLAT CREEK AT S-29-123	PD-342	LANCASTER	REC	FC	Fully Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402020104	FLAT CREEK AT S-29-99	RS-08233	LANCASTER	REC	FC	Not Supported	WnTMDL	029-05	09/11/05
	PEEDEE	030402020105	LYNCHES RVR AT SC 9 W OF PAGELAND	PD-113	CHESTERFIELD	REC	FC	Not Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402020105	HILLS CREEK AT S-13-545	PD-366	CHESTERFIELD	REC	FC	Not Supported	WnTMDL	029-05	09/11/05

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	PEEDEE	030402020202	HANGING ROCK CK AT S-29-764 1.6 MI S OF KERSHAW	PD-328	LANCASTER	REC	FC	Not Supported	InTMDL	06-03	08/06/03
	PEEDEE	030402020202	LICK CK AT S-29-13 ABOVE KERSHAW PT	PD-329	LANCASTER	REC	FC	Not Supported	InTMDL	06-03	08/06/03
	PEEDEE	030402020301	FORK CK AT SC 151	PD-067	CHESTERFIELD	REC	FC	Not Supported	InTMDL	022-05	07/15/05
	PEEDEE	030402020301	FORK CK AT UN# RD 1.5 MI SW JEFFERSON	PD-068	CHESTERFIELD	REC	FC	Not Supported	InTMDL	022-05	09/11/05
	PEEDEE	030402020301	LITTLE FORK CK AT S-13-265 1.5 MI SW JEFFERSON	PD-215	CHESTERFIELD	REC	FC	Not Supported	WnTMDL	029-05	09/11/05
	PEEDEE	030402020305	LYNCHES RIVER AT SC 265	PD-001	CHESTERFIELD	REC	FC	Fully Supported	WnTMDL	029-05	09/11/05
	PEEDEE	030402020305	LYNCHES RVR AT S-13-42	PD-066	CHESTERFIELD	REC	FC	Fully Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402020703	BIG SWP AT US 378 & SC 51 0.9 MI W OF SALEM	PD-169	FLORENCE	REC	FC	Not Supported	InTMDL	016-06	09/01/06
	PEEDEE	030402040504	LITTLE PEE DEE RVR AT S-17-23	PD-029E	DILLON	REC	FC	Fully Supported	InTMDL	009-06	03/29/06
	PEEDEE	030402040505	MAPLE SWP AT SC 57	PD-030	DILLON	REC	FC	Fully Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402040506	LITTLE PEE DEE RVR BELOW JCT WITH MAPLE SWP	PD-030A	DILLON	REC	FC	Fully Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402040701	CHINNERS SWAMP AT GUNTERS ISLAND RD OFF S-26-99	PD-352	HORRY	REC	FC	Not Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402040803	WHITE OAK CK AT S-34-31	PD-037	MARION	REC	FC	Fully Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402050105	SCAPE ORE SWAMP AT S-31-108	PD-355	LEE	REC	FC	Not Supported	InTMDL	008-06	03/29/06
	PEEDEE	030402050302	NASTY BR AT S-43-251 7.5 MI SW OF SUMTER	PD-239	SUMTER	REC	FC	Not Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402050401	TURKEY CREEK	PD-040	SUMTER	REC	FC	Not Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402050401	TURKEY CK AT LIBERTY ST IN SUMTER ABOVE SANTEE PRINT WORKS	PD-098	SUMTER	REC	FC	Not Supported	InTMDL	029-05	09/11/05
	PEEDEE	030402060905	WACCAMAW RVR AT US 501 BY PASS AROUND CONWAY	MD-110	HORRY	AL	DO	Fully Supported	InTMDL	013-99	07/27/99

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	PEEDEE	030402060905	WACCAMAW RVR AT COX'S FERRY ON CO RD 110	MD-111	HORRY	AL	DO	Fully Supported	InTMDL	013-99	07/27/99
	PEEDEE	030402060906	INTRACOASTAL WTRWAY AT SC 544 7.5 MI SW OF MYRTLE BEACH	MD-127	HORRY	AL	DO	Not Supported	InTMDL	013-99	07/27/99
	PEEDEE	030402060907	WACCAMAW RIVER @ PEACH TREE	MD-136	HORRY	AL	DO	Fully Supported	InTMDL	013-99	07/27/99
	PEEDEE	030402060907	WACCAMAW RIVER @ BUCKSVILLE	MD-145	HORRY	AL	DO	Not Supported	WnTMDL	013-99	07/27/99
	PEEDEE	030402061002	WACCAMAW RVR NR MOUTH OF BULL CK AT CHANNEL MARKER 50	MD-137	HORRY	AL	DO	Fully Supported	InTMDL	013-99	07/27/99
	PEEDEE	030402061002	WACCAMAW RVR & ICWW 1 MI BL JCT-AT BUCKSPORT LANDING	MD-146	HORRY	AL	DO	Fully Supported	InTMDL	013-99	07/27/99
	PEEDEE	030402080301	INTRACOASTAL WTRWAY AT PT 3 MI N OF BRDG ON US 501	MD-085	HORRY	AL	DO	Not Supported	InTMDL	013-99	07/27/99
	PEEDEE	030402080301	INTRACOASTAL WTRWAY JUST N OF BRDG ON US 501	MD-087	HORRY	AL	DO	Fully Supported	InTMDL	013-99	07/27/99
	PEEDEE	030402080301	INTRACOASTAL WTRWAY 1 MI S OF BRDG ON US 501	MD-088	HORRY	AL	DO	Not Supported	InTMDL	013-99	07/27/99
	PEEDEE	030402080301	INTRACOASTAL WTRWY 2 MI S OF BRDG ON US 501	MD-089	HORRY	AL	DO	Not Supported	InTMDL	013-99	07/27/99
	PEEDEE	030402080301	INTRACOASTAL WTRWY 4 MI N OF BRDG ON US 501	MD-091	HORRY	AL	DO	Fully Supported	InTMDL	013-99	07/27/99
	PEEDEE	030402080301	INTRACOASTAL WTRWY (LITTLE RVR) ON SC 9 (US 17)	MD-125	HORRY	AL	DO	Not Supported	InTMDL	013-99	07/27/99
	PEEDEE	030402080310	MAIN CREEK AT ATLANTIC AVENUE BRIDGE	04-01	HORRY	SHELLFISH	FC	Not Supported	InTMDL	025-05	07/19/05
	PEEDEE	030402080310	MAIN CREEK AT STANLEY DRIVE (D9-02)	04-01A	HORRY	SHELLFISH	FC	Not Supported	InTMDL	025-05	07/19/05
	PEEDEE	030402080310	MAIN CREEK AT MICKEY SPILLANE'S HOME	04-02	GEORGETOWN	SHELLFISH	FC	Not Supported	InTMDL	025-05	07/19/05
	PEEDEE	030402080310	MAIN CREEK SE SIDE OF THE PROHIBITED AREA NEAR CAPTAIN DICK'S MARINA	04-03A	GEORGETOWN	SHELLFISH	FC	Fully Supported	WnTMDL	025-05	07/19/05
	PEEDEE	030402080310	MAIN CREEK ON THE NW SIDE OF THE PROHIBITED AREA NEAR CAPTAIN DICK'S MARINA	04-03B	GEORGETOWN	SHELLFISH	FC	Fully Supported	WnTMDL	025-05	07/19/05
	PEEDEE	030402080310	GARDEN CITY CANAL E OF FLAGG CREEK (NEW 01-01-2004)	04-04A	GEORGETOWN	SHELLFISH	FC	Fully Supported	WnTMDL	025-05	07/19/05
	PEEDEE	030402080310	ALLSTON CREEK AT WESTON FLAT	04-06	GEORGETOWN	SHELLFISH	FC	Fully Supported	InTMDL	025-05	07/19/05
	PEEDEE	030402080310	PARSONAGE CREEK AT NANCE'S DOCK	04-08	GEORGETOWN	SHELLFISH	FC	Not Supported	InTMDL	025-05	07/19/05
	PEEDEE	030402080310	PARSONAGE CREEK AT CHICKEN FARM DITCH	04-16	GEORGETOWN	SHELLFISH	FC	Not Supported	InTMDL	025-05	07/19/05
	PEEDEE	030402080310	PARSONAGE CREEK SW CORNER OF THE VOYAGER VIEW MARINA PROHIBITED ZONE	04-17A	GEORGETOWN	SHELLFISH	FC	Not Supported	WnTMDL	025-05	07/19/05
	PEEDEE	030402080310	MAIN CREEK AT OYSTER COVER	04-23	GEORGETOWN	SHELLFISH	FC	Fully Supported	WnTMDL	025-05	07/19/05

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	PEEDEE	030402080310	MAIN CREEK AT FLAGG CREEK	04-25	GEORGETOWN	SHELLFISH	FC	Fully Supported	WnTMDL	025-05	07/19/05
	PEEDEE	030402080310	GARDEN CITY CANAL AT THE "OLD BOAT WRECK"	04-26	HORRY	SHELLFISH	FC	Not Supported	InTMDL	025-05	07/19/05
	PEEDEE	030402080310	MAIN CREEK, OPPOSITE ENTRANCE TO MT. GILEAD CANAL	04-27	GEORGETOWN	SHELLFISH	FC	Not Supported	InTMDL	025-05	07/19/05
	PEEDEE	030402080310	OYSTER COVE, SOUTH BRANCH	04-29	GEORGETOWN	SHELLFISH	FC	Fully Supported	WnTMDL	025-05	07/19/05
	PEEDEE	030402080310	OYSTER COVE, NORTH BRANCH	04-30	GEORGETOWN	SHELLFISH	FC	Fully Supported	WnTMDL	025-05	07/19/05
	PEEDEE	030402080310	WOODLAND CREEK, 100 METERS EAST OF MAINLAND	04-31	GEORGETOWN	SHELLFISH	FC	Fully Supported	WnTMDL	025-05	07/19/05
	PEEDEE	030402080401	CLUBHOUSE CREEK AT LITCHFIELD BOULEVARD BRIDGE	04-09	GEORGETOWN	SHELLFISH	FC	Not Supported	InTMDL	024-05	07/19/05
	PEEDEE	030402080401	SHELL AVENUE AND PAWLEY'S ISLAND CREEK	04-10	GEORGETOWN	SHELLFISH	FC	Not Supported	InTMDL	024-05	07/19/05
	PEEDEE	030402080401	NORTH CAUSEWAY BRIDGE AT PAWLEY'S ISLAND CREEK	04-11	GEORGETOWN	SHELLFISH	FC	Fully Supported	InTMDL	024-05	07/19/05
	PEEDEE	030402080401	SOUTH CAUSEWAY BRIDGE AT PAWLEY'S ISLAND CREEK	04-12	GEORGETOWN	SHELLFISH	FC	Not Supported	InTMDL	024-05	07/19/05
	PEEDEE	030402080401	PAWLEY'S INLET	04-13	GEORGETOWN	SHELLFISH	FC	Not Supported	InTMDL	024-05	07/19/05
	PEEDEE	030402080401	CLUBHOUSE CREEK AT DOCK END OF SPORTSMAN BOULEVARD	04-14	GEORGETOWN	SHELLFISH	FC	Not Supported	InTMDL	024-05	07/19/05
	PEEDEE	030402080401	CLUBHOUSE CREEK - FIRST BEND SOUTH OF SALT MARSH COVE	04-19	GEORGETOWN	SHELLFISH	FC	Not Supported	InTMDL	024-05	07/19/05
	PEEDEE	030402080401	PAWLEY'S ISLAND SOUND, INLET SOUTH BOAT LANDING	04-21	GEORGETOWN	SHELLFISH	FC	Not Supported	InTMDL	024-05	07/19/05
	PEEDEE	030402080403	MIDWAY INLET	04-15	GEORGETOWN	SHELLFISH	FC	Fully Supported	WnTMDL	024-05	07/19/05
	SALKEHATCHIE	030502070103	LAKE EDGAR BROWN IN FOREBAY NEAR DAM	CL-064	BARNWELL	AL	PH, TP	Not Supported	InTMDL	011-01	09/21/01
	SALKEHATCHIE	030502080401	SANDERS BR AT S-25-50	CSTL-011	HAMPTON	AL	DO	Fully Supported	InTMDL	007-98	08/19/98
	SALKEHATCHIE	030502080404	COOSAWHATCHIE RVR AT S-25-27 2.5 MI SW CUMMINGS	CSTL-109	HAMPTON	AL	DO	Not Supported	InTMDL	007-98	08/19/98
	SALKEHATCHIE	030502080502	BEAUFORT RVR AB BEAUFORT AT CHANNEL MARKER 231	MD-001	BEAUFORT	AL	DO	Not Supported	InTMDL	014-06	04/14/06
	SALKEHATCHIE	030502080502	BEAUFORT RVR AT DRAWBRDG ON US 21	MD-002	BEAUFORT	AL	DO	Not Supported	InTMDL	014-06	04/14/06
	SALKEHATCHIE	030502080502	BEAUFORT RVR BL BEAUFORT AT CHANNEL MARKER 244	MD-003	BEAUFORT	AL	DO	Not Supported	InTMDL	014-06	04/14/06
	SALKEHATCHIE	030502080502	BEAUFORT RVR NEAR SPANISH POINT	RO-02003	BEAUFORT	AL	DO	Not Supported	InTMDL	014-06	04/14/06
	SALKEHATCHIE	030502080502	BEAUFORT RVR AB BEAUFORT AT CHANNEL MARKER 231	RO-07338	BEAUFORT	AL	DO	Not Supported	InTMDL	014-06	04/14/06

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	SALKEHATCHIE	030502080502	FACTORY CK 0.7 MI E WHITE HALL LANDING	RT-032039	BEAUFORT	AL	DO	Not Supported	WnTMDL	014-06	04/14/06
	SALKEHATCHIE	030502080503	BEAUFORT RVR AT JCT WITH BATTERY CK NR MARKER 42	MD-004	BEAUFORT	AL	DO	Not Supported	InTMDL	014-06	04/14/06
	SALUDA	030501090102	N SALUDA RVR AT BRDG AB JCT WITH SALUDA RVR E OF SC 186	S-004	GREENVILLE	REC	FC	Not Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090201	OOLENOY RVR AT S-39-47	S-103	PICKENS	REC	FC	Not Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090202	SOUTH SALUDA RIVER AT S-23-101	S-087	GREENVILLE	REC	FC	Not Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090203	MIDDLE SALUDA RVR AT SC 288 2.3 MI WSW SLATER	S-252	GREENVILLE	REC	FC	Not Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090204	SOUTH SALUDA RVR AT SC 186	S-299	GREENVILLE	REC	FC	Not Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090301	SALUDA LAKE 0.9 MI SE SC 183 IN SMALL ARM	RL-03349	PICKENS	REC	FC	Not Supported	WnTMDL	023-04	09/30/04
	SALUDA	030501090301	DODDIES CK AT INTERSECTION OF MISTLETOE LN AND OLD DACUSVILLE RD 8.7 MI NE OF PICKENS	RS-07215	PICKENS	REC	FC	Not Supported	WnTMDL	023-04	09/30/04
	SALUDA	030501090301	SALUDA LAKE AT FARRS BRDG ON SC 183 7 MI NE EASLEY	S-250	GREENVILLE	REC	FC	Not Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090301	SALUDA LAKE, .5 MI US OF LANDING	S-314	GREENVILLE	REC	FC	Not Supported	WnTMDL	023-04	09/30/04
	SALUDA	030501090302	BR OF GEORGES CK AT S-39-192, 2.6 MI NE EASLEY	S-005	PICKENS	REC	FC	Not Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090302	GEORGES CK AT S-39-28	S-300	PICKENS	REC	FC	Not Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090303	BIG BRUSHY CK AT S-04-143	S-301	ANDERSON	REC	FC	Not Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090305	GROVE CK AT UN# RD BELOW J P STEVENS ESTES PLANT	S-171	GREENVILLE	REC	FC	Not Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090306	BIG CK AT S-04-116	S-302	ANDERSON	REC	FC	Not Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090307	SALUDA RVR AT SC 81 SW OF GREENVILLE	S-007	ANDERSON	REC	FC	Fully Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090307	TRIB TO SALUDA RVR 350 FT BL W PELZER STP ON S-23-53	S-267	ANDERSON	REC	FC	Not Supported	InTMDL	023-04	09/30/04
	SALUDA	030501090307	MILL CK AT BENT BRIDGE RD, BL CAROLINA PLATING	S-315	GREENVILLE	REC	FC	Not Supported	InTMDL	020-00	02/23/00

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	SALUDA	030501090501	SOUTH RABON CK ON DIRT RD BETWEEN SC 101 & S-30-76	S-322	LAURENS	REC	FC	Not Supported	InTMDL	019-04	09/30/04
	SALUDA	030501090502	NORTH RABON CK AT S-30-32	S-321	LAURENS	REC	FC	Not Supported	InTMDL	019-04	09/30/04
	SALUDA	030501090503	RABON CK AT S-30-54 8.8 MI NW CROSS HILL	S-096	LAURENS	REC	FC	Fully Supported	InTMDL	019-04	09/30/04
	SALUDA	030501090503	LAKE GREENWOOD, RABON CK ARM, .8 KM N RD S-30-307	S-307	LAURENS	REC	FC	Fully Supported	InTMDL	019-04	09/30/04
	SALUDA	030501090802	BROAD MOUTH CREEK AT BRIDGE ON CO RD S-04-265 (ROCKY FORD ROAD) 3.5 MI NNW OF HONEA PATH	RS-04364	ANDERSON	REC	FC	Not Supported	WnTMDL	016-05	05/27/05
	SALUDA	030501090802	BROAD MOUTH CK AT US 76	S-010	ANDERSON	REC	FC	Not Supported	InTMDL	016-05	05/27/05
	SALUDA	030501090802	BROAD MOUTH CK AT S-04-267	S-289	ANDERSON	REC	FC	Not Supported	InTMDL	016-05	05/27/05
	SALUDA	030501090802	BROAD MOUTH CK AT S-01-111	S-304	ABBEVILLE	REC	FC	Not Supported	InTMDL	016-05	05/27/05
	SALUDA	030501090901	LITTLE RVR AT US 76 BUS IN LAURENS ABOVE STP	S-034	LAURENS	REC	FC	Fully Supported	InTMDL	017-04	09/30/04
	SALUDA	030501090901	LITTLE RVR AT SC ROUTE 127	S-297	LAURENS	REC	FC	Not Supported	InTMDL	017-04	09/30/04
	SALUDA	030501090902	NORTH CK AT JCT WITH US 76 2.8 MI W OF CLINTON	S-135	LAURENS	REC	FC	Not Supported	InTMDL	017-04	09/30/04
	SALUDA	030501090903	BEAVERDAM CREEK AT S-30-341 7 MI S OF LAURENS	RS-05400	LAURENS	REC	FC	Not Supported	WnTMDL	017-04	09/30/04
	SALUDA	030501090905	LITTLE RVR AT SC 560	S-038	LAURENS	REC	FC	Not Supported	InTMDL	017-04	09/30/04
	SALUDA	030501090907	MUDLICK CREEK AT UNNAMED DIRT ROAD BETWEEN SC 56 AND S-36-65 9 MI NW OF SILVERSTREET	RS-04526	NEWBERRY	REC	FC	Not Supported	WnTMDL	017-04	09/30/04
	SALUDA	030501090908	LITTLE RVR AT S-36-22 8.3 MI NW SILVERSTREET	S-099	NEWBERRY	REC	FC	Not Supported	InTMDL	017-04	09/30/04
	SALUDA	030501090908	LITTLE RVR AT SC 34	S-305	NEWBERRY	REC	FC	Not Supported	InTMDL	017-04	09/30/04
	SALUDA	030501091003	WEST CREEK AT S-41-105 12.4 MI ESE OF SALUDA	RS-05398	SALUDA	REC	FC	Not Supported	WnTMDL	027-05	09/11/05
	SALUDA	030501091003	CLOUDS CK AT S-41-26 4 MI NW BATESBURG	S-255	SALUDA	REC	FC	Fully Supported	InTMDL	027-05	09/11/05
	SALUDA	030501091003	CLOUDS CK AT US 378	S-324	SALUDA	REC	FC	Fully Supported	InTMDL	027-05	09/11/05



## Appendix B: SC Waters With An Approved TMDL

NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	SALUDA	030501091104	LITTLE SALUDA RVR AT US 378 E SALUDA	S-050	SALUDA	REC	FC	Fully Supported	InTMDL	027-05	09/11/05
	SALUDA	030501091104	LITTLE SALUDA RVR AT S-41-39 5.2 MI NE SALUDA	S-123	SALUDA	REC	FC	Not Supported	InTMDL	027-05	09/11/05
	SALUDA	030501091206	UNNAMED TRIB TO SCOTT CREEK AT WISE STREET AT BEND	RS-08075	NEWBERRY	REC	FC	Not Supported	WnTMDL	009-01	02/22/07
	SALUDA	030501091206	SCOTT CK AT SC 34 SW OF NEWBERRY	S-044	NEWBERRY	REC	FC	Not Supported	InTMDL	009-01	08/14/01
	SALUDA	030501091206	BUSH RIVER AT S.C. ROUTE 34	S-046	NEWBERRY	REC	FC	Not Supported	InTMDL	009-01	08/14/01
	SALUDA	030501091206	BUSH RVR AT S-36-41 8.5 MI S OF NEWBERRY	S-102	NEWBERRY	REC	FC	Not Supported	InTMDL	009-01	08/14/01
	SALUDA	030501091303	HOLLOW CK AT S-32-54	S-306	LEXINGTON	REC	FC	Not Supported	InTMDL	027-05	09/11/05
	SALUDA	030501091303	HOLLOW CREEK@ DOG LEG ROAD	S-976	LEXINGTON	REC	FC	Not Supported	WnTMDL	027-05	09/11/05
	SALUDA	030501091303	HOLLOW CREEK@ DERRICK HOLLOW ROAD	S-977	LEXINGTON	REC	FC	Not Supported	WnTMDL	027-05	09/11/05
	SALUDA	030501091305	CAMPING CK S-36-202 BLW GA PACIFIC	S-290	NEWBERRY	REC	FC	Not Supported	InTMDL	027-05	09/11/05
	SALUDA	030501091402	TWELVEMILE CK AT S-32-106	RS-02457	LEXINGTON	REC	FC	Not Supported	WnTMDL	011-04	09/16/04
	SALUDA	030501091402	TWELVEMILE CREEK AT U.S. ROUTE 378	S-294	LEXINGTON	REC	FC	Not Supported	InTMDL	011-04	09/16/04
	SALUDA	030501091403	SALUDA RVR AT MEPCO ELECT. PLANT WATER INTAKE SSE IRMO	S-149	LEXINGTON	REC	FC	Not Supported	InTMDL	011-04	09/16/04
	SALUDA	030501091403	LORICK BR AT PT UPSTRM OF JCT WITH SALUDA RVR	S-150	LEXINGTON	REC	FC	Not Supported	InTMDL	018-04	09/30/04
	SALUDA	030501091403	KINLEY CK AT S-32-36 (ST. ANDREWS RD) IN IRMO	S-260	LEXINGTON	REC	FC	Not Supported	InTMDL	011-04	09/16/04
	SALUDA	030501091403	RAWLS CREEK AT S-32-107	S-287	LEXINGTON	REC	FC	Not Supported	InTMDL	005-01	01/17/01
	SALUDA	030501100101	RED BANK CK AT SANDY SPRINGS RD BTWN S-32-104 & SC 602	C-067	LEXINGTON	REC	FC	Not Supported	InTMDL	010-04	09/16/04
	SALUDA	030501100104	SIXMILE CK ON US 21 S OF CAYCE	C-005	LEXINGTON	REC	FC	Not Supported	InTMDL	010-04	09/16/04
	SALUDA	030501100104	CONGAREE CK AT US 21 AT CAYCE WATER INTAKE	C-008	LEXINGTON	REC	FC	Not Supported	InTMDL	010-04	09/16/04
	SALUDA	030501100104	LK CAROLINE SPILLWAY AT PLATT SPRINGS RD	C-025	LEXINGTON	REC	FC	Not Supported	InTMDL	010-04	09/16/04
	SANTEE	030501110101	WARLEY CREEK AT CO RD S-09-287 3.4 MI NW OF LONE STAR	RS-04389	CALHOUN	REC	FC	Not Supported	WnTMDL	023-05	07/19/05
	SANTEE	030501110101	WARLEY CREEK AT HWY. 267 BRIDGE	SC-006	CALHOUN	REC	FC	Fully Supported	InTMDL	023-05	07/19/05
	SANTEE	030501110103	LK INSPIRATION - ST MATTHEWS (FRONT OF HEALTH DEPT)	C-058	CALHOUN	REC	FC	Fully Supported	InTMDL	023-05	07/19/05

## Appendix B: SC Waters With An Approved TMDL

NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	SANTEE	030501110103	HALFWAY SWP CK AT S-09-43 3 MI E OF ST MATTHEWS	C-063	CALHOUN	REC	FC	Not Supported	InTMDL	023-05	07/19/05
*	SANTEE	030501110103	FURTICK BRANCH@ COUNTY RD. 11	CW-517	CALHOUN	REC	FC	Not Supported	WnTMDL	023-05	07/19/05
*	SANTEE	030501110103	LYONS CREEK@ COUNTY RD. 20	CW-546	CALHOUN	REC	FC	Not Supported	WnTMDL	023-05	07/19/05
	SANTEE	030501110103	LYONS CREEK AT SC 6	ST-533	CALHOUN	REC	FC	Fully Supported	WnTMDL	023-05	07/19/05
	SANTEE	030501110104	HALFWAY SWP CK AT SC 33 (SC-007)	C-015	CALHOUN	REC	FC	Not Supported	WnTMDL	023-05	07/19/05
	SANTEE	030501110104	HALFWAY SWP CK AT S-09-72	CW-241	CALHOUN	REC	FC	Fully Supported	InTMDL	023-05	07/19/05
	SANTEE	030501110104	HALFWAY SWAMP CREEK AT SR 157	ST-534	CALHOUN	REC	FC	Fully Supported	WnTMDL	023-05	07/19/05
	SANTEE	030502010402	WANDO RVR AT SC 41	MD-115	BERKELEY	AL	DO	Not Supported	InTMDL	006-02	12/31/02
	SANTEE	030502010601	DORCHESTER CK AT SC 165	CSTL-013	DORCHESTER	REC	FC	Not Supported	InTMDL	08-03	10/31/03
	SANTEE	030502010601	SAWMILL BR AT SC 78 E OF SUMMERVILLE	CSTL-043	DORCHESTER	REC	FC	Fully Supported	InTMDL	04-03	03/28/03
	SANTEE	030502010601	SAWMILL BRANCH S-18-706 IN SUMMERVILLE	RS-05563	DORCHESTER	REC	FC	Not Supported	WnTMDL	04-03	03/28/03
	SANTEE	030502010602	ASHLEY RVR AT SC 165 4.8 MI SSW OF SUMMERVILLE	CSTL-102	DORCHESTER	AL	DO	Not Supported	InTMDL	08-03	10/31/03
	SANTEE	030502010604	ASHLEY RVR AT MAGNOLIA GARDENS	MD-049	CHARLESTON	AL	DO	Not Supported	InTMDL	08-03	10/31/03
	SANTEE	030502010604	ASHLEY RV 1.8 MI NW RUNNYMEDE PLANTATION	RT-032046	CHARLESTON	AL	DO	Not Supported	WnTMDL	08-03	10/31/03
	SANTEE	030502010605	ASHLEY RVR AT SALRR BRDG	MD-052	CHARLESTON	AL	DO	Not Supported	WnTMDL	08-03	10/31/03
	SANTEE	030502010701	PIER IN WEST BRANCH COOPER RVR AT END OF RICE MILL RD IN PIMLICO	CSTL-085	BERKELEY	AL	DO	Not Supported	WnTMDL	006-02	12/31/02
	SAVANNAH	030601010202	LITTLE EASTATOE CREEK AT S-39-49	SV-341	PICKENS	REC	FC	Not Supported	InTMDL	004-01	01/17/01
*	SAVANNAH	030601010202	LITTLE EASTATOE CREEK@ MOCCASIN ROAD (ACROSS BOGGS PROPERTY)	SV-806	PICKENS	REC	FC	Not Supported	WnTMDL	004-01	01/17/01
	SAVANNAH	030601010305	CANE CREEK AT S-37-133	SV-342	OCONEE	REC	FC	Fully Supported	InTMDL	017-05	05/27/05
	SAVANNAH	030601010305	LITTLE CANE CREEK AT S-37-133	SV-343	OCONEE	REC	FC	Not Supported	InTMDL	017-05	05/27/05
	SAVANNAH	030601010305	LITTLE CANE CREEK@ NELLIE ROAD	SV-807	OCONEE	REC	FC	Not Supported	WnTMDL	017-05	05/27/05
	SAVANNAH	030601010305	LITTLE CANE CREEK@ AUSTIN EDWARDS ROAD	SV-808	OCONEE	REC	FC	Not Supported	WnTMDL	017-05	05/27/05
	SAVANNAH	030601010305	LITTLE CANE CREEK@ OCONEE BELLE LANE (ACROSS ORR PROPERTY)	SV-809	OCONEE	REC	FC	Not Supported	WnTMDL	017-05	05/27/05

## Appendix B: SC Waters With An Approved TMDL

NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	SAVANNAH	030601010305	LITTLE CANE CREEK@ PICKENS HIGHWAY	SV-810	OCONEE	REC	FC	Not Supported	WnTMDL	017-05	05/27/05
*	SAVANNAH	030601010305	UNNAMED TRIB TO LITTLE CANE CREEK	SV-811	OCONEE	REC	FC	Not Supported	WnTMDL	017-05	05/27/05
*	SAVANNAH	030601010305	UNNAMED TRIB TO LITTLE CANE CREEK @ TAYLOR ROAD	SV-812	OCONEE	REC	FC	Not Supported	WnTMDL	017-05	05/27/05
	SAVANNAH	030601010305	LITTLE CANE CREEK NEAR HWY 11	SV-813	OCONEE	REC	FC	Not Supported	WnTMDL	017-05	05/27/05
	SAVANNAH	030601010402	NORTH FORK AT US 178 2.9 MI N OF PICKENS	SV-206	PICKENS	REC	FC	Fully Supported	InTMDL	09-03	12/04/03
	SAVANNAH	030601010406	GOLDEN CK AT S-39-222 1.2 MI NW OF LIBERTY	SV-239	PICKENS	REC	FC	Not Supported	InTMDL	09-03	12/04/03
	SAVANNAH	030601010407	TWELVE MILE CK AT S-39-137	SV-362	PICKENS	REC	FC	Not Supported	WnTMDL	09-03	12/04/03
	SAVANNAH	030601010408	TWELVE MI CK AT S-39-51 N OF NORRIS	SV-015	PICKENS	REC	FC	Fully Supported	InTMDL	09-03	12/04/03
	SAVANNAH	030601010408	FIRST CK AFTER LEAVING CENTRAL AT CLVT ON MAW BRDG RD	SV-136	PICKENS	REC	FC	Not Supported	InTMDL	09-03	12/04/03
	SAVANNAH	030601010408	TWELVE MILE CK AT S-39-337	SV-137	PICKENS	REC	FC	Not Supported	InTMDL	09-03	12/04/03
	SAVANNAH	030601010501	CULVERT OVER WHITE FORK AT STRIBLING SHOALS RD OFF S-37-36	RS-08089	OCONEE	REC	FC	Not Supported	WnTMDL	006-01	01/18/01
	SAVANNAH	030601010502	COLONELS FORK CK AT S-37-91	RS-02304	OCONEE	REC	FC	Not Supported	WnTMDL	006-01	01/18/01
	SAVANNAH	030601010502	CONEROSS CK AT SC 59	SV-004	OCONEE	REC	FC	Not Supported	InTMDL	006-01	01/18/01
	SAVANNAH	030601010502	CONEROSS CK AT S-37-13	SV-333	OCONEE	REC	FC	Not Supported	InTMDL	006-01	01/18/01
	SAVANNAH	030601010601	EIGHTEENMILE CK AT UNNUMBERED CO RD 2.25 MI SSW OF EASLEY	SV-017	PICKENS	REC	FC	Not Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601010601	WOODSIDE BR AT US 123 1.5 MI E OF LIBERTY	SV-241	PICKENS	REC	FC	Not Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601010601	EIGHTEENMILE CK AT S-39-27 3.3 MI S OF LIBERTY	SV-245	PICKENS	REC	FC	Not Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601010602	EIGHTEENMILE CK AT S-39-93 S OF CENTRAL	SV-135	ANDERSON	REC	FC	Not Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601010602	EIGHTEENMILE CK AT 2-04-279	SV-233	ANDERSON	REC	FC	Not Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601010602	LAKE HARTWELL - EIGHTEEN MILE CK ARM AT S-04-1098	SV-268	ANDERSON	REC	FC	Not Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601010701	CHARLES CREEK AT UNNUMBERED RIDGE ROAD OFF S-04-485	RS-03506	ANDERSON	REC	FC	Not Supported	WnTMDL	026-05	07/21/05
	SAVANNAH	030601010702	THREE & TWENTY CREEK AT S-04-280	SV-111	ANDERSON	REC	FC	Not Supported	InTMDL	026-05	07/21/05

## Appendix B: SC Waters With An Approved TMDL

NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	SAVANNAH	030601020505	BEAVERDAM CREEK AT S-37-66	SV-345	OCONEE	REC	FC	Not Supported	InTMDL	015-99	09/16/99
	SAVANNAH	030601030202	CUPBOARD CK AT S-04-733 AB BREAZEALE ST PLANT & BL BLAIR HILL	SV-139	ANDERSON	REC	FC	Fully Supported	InTMDL	012-04	09/16/04
	SAVANNAH	030601030202	CUPBOARD CK AT S-04-209 BL EFF FROM BELTON 2 PLANT	SV-140	ANDERSON	REC	FC	Not Supported	InTMDL	012-04	09/16/04
	SAVANNAH	030601030202	BROADWAY CREEK AT US 76 BTWN ANDERSON & BELTON	SV-141	ANDERSON	REC	FC	Not Supported	InTMDL	012-04	09/16/04
	SAVANNAH	030601030203	ROCKY RVR AT S-04-263 2.7 MI SE ANDERSON AT STP	SV-031	ANDERSON	REC	FC	Not Supported	InTMDL	012-04	09/16/04
	SAVANNAH	030601030203	ROCKY RVR AT S-04-152 BL ROCKY RVR STP	SV-041	ANDERSON	REC	FC	Not Supported	InTMDL	012-04	09/16/04
	SAVANNAH	030601030204	CHEROKEE CK AT S-04-318 4 MI S OF BELTON	SV-043	ANDERSON	REC	FC	Not Supported	InTMDL	012-04	09/16/04
	SAVANNAH	030601030206	WILSON CREEK AT S-04-294	SV-347	ANDERSON	REC	FC	Not Supported	InTMDL	012-04	09/16/04
	SAVANNAH	030601030401	BIG GENEROSTEE CK AT CO RD 104	SV-316	ANDERSON	REC	FC	Not Supported	InTMDL	009-04	09/16/04
	SAVANNAH	030601030502	UNNAMED TRIB TO BAILEY'S CREEK AT S-1-171 4.8 MI NNE OF ABBEVILLE	RS-06190	ABBEVILLE	REC	FC	Not Supported	WnTMDL	026-05	07/21/05
	SAVANNAH	030601030504	UNNAMED TRIB TO JOHNSON CREEK AT S-01-352 AT SECOND BRIDGE FROM SC 201 6.8 MI W OF DUE WEST	RS-05586	ABBEVILLE	REC	FC	Not Supported	WnTMDL	026-05	07/21/05
	SAVANNAH	030601030510	CALHOUN CREEK AT SC 28, 1.5 M NW OF ABBEVILLE	RS-01049	ABBEVILLE	REC	FC	Not Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601030510	LONG CANE CK AT S-33-117 7.0 MI NW MCCORMICK	SV-318	MCCORMICK	REC	FC	Not Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601030602	LITTLE RIVER AT S-01-24	SV-164	ABBEVILLE	REC	FC	Not Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601030603	JOHNS CK AT S-01-616.7 MI ENE OF ABBEVILLE	RS-07222	ABBEVILLE	REC	FC	Not Supported	WnTMDL	026-05	07/21/05
	SAVANNAH	030601030605	BLUE HILL CK ON S MAIN ST ABBEVILLE	SV-053B	ABBEVILLE	REC	FC	Not Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601030606	LONG CANE CREEK AT S-01-159	SV-349	ABBEVILLE	REC	FC	Not Supported	InTMDL	026-05	07/21/05

## Appendix B: SC Waters With An Approved TMDL

NOTE	BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT	TMDL	DHEC_TECH REPORT	APPROVAL DATE
	SAVANNAH	030601030608	REEDY BRANCH AT WOODEN BRIDGE ON UNIMPROVED GRAVEL ROAD (WATSON HILL ROAD) ABOUT 1 MILE EAST OF CO RD S-24-112. 5 MI SW OF PROMISED LAND	RS-04542	GREENWOOD	REC	FC	Not Supported	WnTMDL	026-05	07/21/05
	SAVANNAH	030601030609	SAWNEY CK AT CO RD 1.5 MI SE OF CALHOUN FALLS	SV-052	ABBEVILLE	REC	FC	Not Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601030612	LITTLE RIVER AT S-01-32	SV-348	ABBEVILLE	REC	FC	Not Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601030613	LITTLE RIVER AT S-33-19	SV-192	MCCORMICK	REC	FC	Fully Supported	InTMDL	026-05	07/21/05
	SAVANNAH	030601060203	SAND RVR AT OLD US 1 1.2 MI SE WARRENVILLE	SV-069	AIKEN	REC	FC	Fully Supported	InTMDL	007-06	01/20/06
	SAVANNAH	030601060203	HORSE CK AT S-02-104 0.6 MI SW GRANITEVILLE	SV-071	AIKEN	REC	FC	Not Supported	WnTMDL	007-06	01/20/06
	SAVANNAH	030601060204	LITTLE HORSE CK AT SC 421 BL EFF OF CLEARWTR FIN	SV-073	AIKEN	REC	FC	Fully Supported	InTMDL	007-06	01/20/06
	SAVANNAH	030601060205	HORSE CK AT S-02-145	SV-072	AIKEN	REC	FC	Fully Supported	InTMDL	007-06	01/20/06
	SAVANNAH	030601060205	HORSE CK AT SC 125 1.5 MI SW CLEARWATER	SV-250	AIKEN	REC	FC	Fully Supported	InTMDL	007-06	01/20/06
	SAVANNAH	030601060403	HOLLOW CREEK AT S-02-5	SV-350	AIKEN	REC	FC	Fully Supported	InTMDL	020-05	05/27/05
	SAVANNAH	030601060601	UNNAMED TRIBUTARY TO THE SAVANNAH RIVER AT RIVER BLUFF RD IN THE RAPIDS S/D IN NORTH AUGUSTA.	RS-04544	AIKEN	REC	FC	Not Supported	InTMDL	009-07	02/22/07
	SAVANNAH	030601070101	HARD LABOR CREEK AT S-24-164 BRIDGE	SV-151	GREENWOOD	REC	FC	Not Supported	InTMDL	019-05	05/27/05
	SAVANNAH	030601070106	CUFFYTOWN CREEK AT S-33-138	SV-351	MCCORMICK	REC	FC	Not Supported	InTMDL	018-05	05/27/05

## **Appendix C:**

**2010 Waters of Concern: Sites will be targeted for additional review through the 2012 303(d) listing cycle. These locations have the potential to be listed as impaired waters at that time.**

Appendix C: 2010 SC Waters of Concern

BASIN	HUC	LOCATION	STATION	COUNTY	USE	CONCERN
PEEDEE	030402080306	WAC-010-BRIARCLIFF CABANA	WAC-010	HORRY	REC	ENTERO
PEEDEE	030402080308	WAC-026-NASH DRIVE MB	WAC-026	HORRY	REC	ENTERO
PEEDEE	030402080308	WAC-019-34TH AVE NORTH MB	WAC-019	HORRY	REC	ENTERO
PEEDEE	030402080308	WAC-024-23RD AVE SOUTH MB	WAC-024	HORRY	REC	ENTERO
PEEDEE	030402080308	WAC-021-8TH AVE NORTH MB	WAC-021	HORRY	REC	ENTERO
PEEDEE	030402080309	WAC-032-3RD AVE N SURFSIDE	WAC-032	HORRY	REC	ENTERO
PEEDEE	030402080309	WAC-031-11TH AVE N SURFSIDE	WAC-031	HORRY	REC	ENTERO
PEEDEE	030402080309	WAC-030-16TH AVE N	WAC-030	HORRY	REC	ENTERO
PEEDEE	030402080309	WAC-033-3RD AVE S SURFSIDE	WAC-033	HORRY	REC	ENTERO
PEEDEE	030402080309	WAC-035-13TH AVE S SURFSIDE	WAC-035	HORRY	REC	ENTERO
PEEDEE	030402080310	WAC-036-HAWES AVE GC	WAC-036	HORRY	REC	ENTERO
PEEDEE	030402080314	WAC-018-50TH AVE NORTH MB	WAC-018	HORRY	REC	ENTERO
PEEDEE	030402080314	WAC-017-64TH AVE NORTH MB	WAC-017	HORRY	REC	ENTERO
PEEDEE	030402080314	WAC-016-77TH AVE NORTH MB	WAC-016	HORRY	REC	ENTERO
PEEDEE	030402080316	WAC-029-OCEAN LAKES CG	WAC-029	HORRY	REC	ENTERO
PEEDEE	030402080317	WAC-037-AZALEA AVE GC	WAC-037	HORRY	REC	ENTERO
SALKEHATCHIE	030502100101	LC-083-HABOUR RD	LC-083	BEAUFORT	REC	ENTERO
SALKEHATCHIE	030502100101	HARBOR DRIVE @ PELICAN PT	LC-085A	BEAUFORT	REC	ENTERO
SAVANNAH	030601100302	LC-113 TRIANGLE ROAD OFF LANDEND DRIVE	LC-113	BEAUFORT	REC	ENTERO

## Appendix D:

### Data Solicitation

South Carolina's 2010 Integrated Report is currently under development. This report will include the 2010 303(d) list of impaired waters. DHEC solicits and considers all existing and readily available water quality data, including non-DHEC data in development of the 2010 303(d) list. Therefore, DHEC is actively soliciting for all of the relevant water quality data from academic institutions, other state, federal agencies and regulated investor-owned public utilities serving South Carolina. Data should be submitted no later than September 1, 2009 for consideration in the 2010 303(d) listing cycle. Data submitted after that time will be considered for the 2012 listing cycle. Note that 2010 303(d) listing cycle will consider relevant data from the 2004-2008 time-frame (five-year period).

More on 303(d) List of impaired waters:

South Carolina develops a 303(d) list every two years. DHEC solicits and considers all existing and readily available water quality data, including non-DHEC data, in developing South Carolina's 303(d) list. All Non-DHEC Data are accepted for consideration at any time during the listing cycle; however, only data submitted before September 1 of each odd-numbered year will be considered for the following year's 303(d) list. To be considered for the any 303(d) list, data must be representative of current water quality conditions and comparable to state water quality criteria. Any organization submitting data should use laboratories certified by the DHEC Office of Environmental Laboratory Certification for the test methods of record.

Persons wishing to collect water quality data for DHEC use are encouraged to contact the DHEC Office of Quality Assurance and submit a Quality Assurance Project Plan (QAPP) for approval prior to initiating sampling. **For the Department to use any non-DHEC data in development of the 303(d) list, submittal of non-DHEC data should be accompanied with an approved QAPP.**

Additional information regarding DHEC QAPP development can be found at the following link: <http://www.scdhec.net/environment/envserv/qapp.htm>.

If you have data that you would like DHEC to consider in developing South Carolina's 303(d) list, please e-mail Mihir Mehta at [mehtam@dhec.sc.gov](mailto:mehtam@dhec.sc.gov) or Matt Carswell at [carsweme@dhec.sc.gov](mailto:carsweme@dhec.sc.gov)



## **Appendix E:**

### **Public Notice**

#### **Availability-South Carolina's Draft 303(d) List of Impaired Waters**

The South Carolina Department of Health and Environmental Control (SCDHEC) is updating its list of impaired waterbodies requiring TMDLs pursuant to Section 303(d) of the Federal Clean Water Act. The list includes waterbodies not meeting the State's water quality standards after application of existing required controls for point and nonpoint sources of pollution. A draft list is available for review and comment. A copy of the draft list and methodology may be viewed at the SCDHEC Bureau of Water website at <http://www.scdhec.gov/environment/water/tmdl/#4>. Copies of the draft list can also be obtained by contacting Matt Carswell Bureau of Water, SCDHEC, 2600 Bull Street, Columbia, South Carolina 29201 or, by email: [carsweme@dhec.sc.gov](mailto:carsweme@dhec.sc.gov). Please submit written comments to the attention of Matt Carswell. To be considered, written comments on the draft list must be received by 5:00 PM on Wednesday, March 10, 2010.

## Appendix F

### Determination of Attainment of Classified Uses

#### General Considerations

Physical, chemical and biological data were evaluated, as described below, to determine if water quality met the water quality criteria established to protect the State classified uses defined in Regulation 61-68, Water Classifications and Standards. Some waters may exhibit characteristics outside the appropriate criteria due to natural conditions. Such natural conditions do not constitute a violation of the water quality criteria. To determine the appropriate classified uses and water quality criteria for specific waterbodies and locations, refer to Regulation 61-69, Classified Waters, in conjunction with Regulation 61-68.

At the majority of the SCDHEC's monitoring stations, water samples for analysis are collected as surface grab samples once per month, quarter, or year, depending on the parameter. Grab samples collected at a depth of 0.3 meters are considered a surface measurement. At most stations sampled by boat, dissolved oxygen and temperature are sampled as a water column profile, with measurements being made at either a depth of 0.3 meters below the water surface and at one-meter intervals to the bottom or at 0.3 meters, bottom and mid-depth. At stations sampled from bridges, these parameters are measured only at a depth of 0.3 meters. For the purpose of assessment, only surface samples are used in Standards comparisons and trend assessments. All water and sediment samples are collected and analyzed according to standard procedures (SCDHEC 1981a, 1987, 1997).

Results from water quality samples can be compared to State Standards and USEPA criteria, with some restrictions due to time of collection and sampling frequency. For certain parameters, the monthly sampling frequency employed in the ambient monitoring network is insufficient for strict interpretation of the Standards. The USEPA does not define the sampling method or frequency other than indicating that it should be "representative". The grab sample method is considered to be representative for the purpose of indicating excursions relative to criteria, within certain considerations. A single grab sample is more representative of a one-hour average than a four-day average, more representative of a one-day average than a one-month average, and so on; thus, when inferences are drawn from grab samples relative to criteria, sampling frequency and the intent of the criteria must be weighed. When the sampling method or frequency does not agree with the intent of the particular standard, any conclusion about water quality should be considered as only an indication of conditions, not as a proven circumstance. Regardless of the number of samples, no monitoring site will be listed as partially or not supporting for any pollutant based a single water chemistry sample result because of the possibility of an anomalous event.

Macroinvertebrate community structure is analyzed routinely at selected stations as a means of detecting adverse biological impacts on the aquatic fauna of the state's waters due to water quality conditions which may not be readily detectable in the water column chemistry.

The statewide assessment is generally based on the last complete five years of available data (2004 - 2008). Following is a description of how this assessment is used to determine use support:

*Aquatic Life Use Support* - One important goal of the Clean Water Act and State Standards is to maintain the quality of surface waters to provide for the survival and propagation of a balanced indigenous aquatic community of fauna and flora. The degree to which aquatic life is protected (Aquatic Life Use Support) is assessed by comparing important water quality characteristics and the concentrations of potentially toxic pollutants with numeric criteria.

Support of aquatic life uses is determined based on the percentage of numeric criteria excursions and, where data are available, the composition and functional integrity of the biological community. A number of waterbodies have been given waterbody-specific criteria for pH and dissolved oxygen (DO), which reflect natural conditions. To determine the appropriate numeric criteria and classified uses for specific waterbodies and locations, please refer to Regulation 61-68, Water Classifications and Standards and Regulation 61-69, Classified Waters.

For DO and pH, if 10 percent or less of the samples contravene the appropriate criterion, then the criterion is said to be fully supported. A percentage of criterion excursions greater than 10 and less than or equal to 25 is considered partial support of the criterion, unless excursions are due to natural conditions. A percentage greater than 25 is considered to represent nonsupport of the criterion, unless excursions are due to natural conditions. Both partial support and nonsupport of the appropriate criterion result in the waterbody being listed as impaired for DO or pH, unless excursions are due to a natural condition.

For toxicants (heavy metals, priority pollutants, chlorine, ammonia), for any individual pollutant, if the appropriate acute and/or chronic aquatic life criterion is exceeded more than once in three years (2006-2008), the criterion is not supported and the waterbody is listed as impaired for the pollutant of concern.

For heavy metals, the total recoverable metals criteria are adjusted to account for solids partitioning following the approach set forth in the "Office of Water Policy and Technical Guidance on Interpretation and Implementation of Aquatic Life Metals Criteria" October 1, 1993, by Martha G. Prothro, Acting Assistant Administrator for Water, available from the Water Resource center, USEPA, 401 M St., SW, mail code RC4100, Washington, DC 20460; and 40CFR'131.36(b)(1). Under this approach a default TSS value of 1 mg/L is used. Where the metals criteria are hardness based, a default value of 25 mg/L is used for waters where hardness is 25 mg/l or less.

For turbidity in all waters, and for waters with numeric total phosphorus, total nitrogen, and/or chlorophyll-a criteria, if the appropriate criterion is exceeded in more than 25 percent of the samples, the criterion is not supported and the waterbody listed as impaired. For waters with contraventions of standards between 10% and 25%, further site specific evaluation is necessary to determine if standards violations indicate actual aquatic life use impairment.

For other aquatic life use support criteria, both partial support and nonsupport of the appropriate criterion result in the waterbody being listed as impaired for the pollutant of concern; however, regardless of the number of samples, no monitoring site will be listed as not supporting for any pollutant based on a single water chemistry sample result because of the possibility of an anomalous event.

For aquatic life uses, the goal of the Standards is the protection of a balanced indigenous aquatic community. Therefore, biological data are the ultimate deciding factor, regardless of chemical conditions. If biological data showed a healthy, balanced community, the use is considered supported even if chemical parameters do not meet the applicable criteria.

*Macroinvertebrate Data Interpretation* - Macroinvertebrate community assessment data are used to directly determine Aquatic Life Use Support and to support determinations based on water chemistry data. Macroinvertebrate community data may also be used to evaluate potential impacts from the presence of sediment contaminants. Aquatic and semi-aquatic macroinvertebrates are identified to the lowest practical taxonomic level depending on the condition and maturity of specimens collected.

The EPT Index and the North Carolina Biotic Index (BI) are the main indices used in analyzing macroinvertebrate data. To a lesser extent Taxa Richness and sometimes total abundances may be used to help interpret data. The EPT Index or the Ephemeroptera (mayflies) - Plecoptera (stoneflies) - Trichoptera (caddisflies) Index is the total taxa richness of these three generally pollution-sensitive orders. EPT values are compared with least impacted regional sites. The biotic index for a sample is the average pollution tolerance of all organisms collected, based on assigned taxonomic tolerance values.

Taxa richness is the number of distinct taxa collected and is the simplest measure of diversity. High taxa richness is generally associated with high water quality. Increasing levels of pollution progressively eliminate the more sensitive taxa, resulting in lower taxa richness. Total abundance is the enumeration of all macroinvertebrates collected at a sampling location. When gross differences in abundance occur between stations this metric may be considered as a potential indicator.

*Recreational Use Support* - The degree to which the swimmable goal of the Clean Water Act is attained (Recreational Use Support) is based on the frequency of fecal coliform bacteria excursions. For recreational use support determination, both partial support and nonsupport of the appropriate criterion result in the waterbody being listed as impaired for the pollutant of concern.

For fecal coliform bacteria, an excursion is an occurrence of a bacteria concentration greater than 400/100 ml for all Classes. Comparisons to the bacteria geometric mean criterion are not feasible based on sampling frequency and the intent of the criterion.

If 10 percent or less of the samples is greater than 400/100 ml then recreational uses are said to be fully supported. A percentage of criteria excursions between 10-25 is considered partial support of recreational uses, and greater than 25% is considered to represent nonsupport of recreational uses.

Some South Carolina coastal waters are monitored for enterococcus levels. Beach advisories are issued for the period in which elevated levels persist. These advisories do not warrant listing for 303(d) purposes. Instead, an approach was developed in accordance with EPA guidance and South Carolina Regulations 61-68 (See <http://www.scdhec.gov/eqc/water/html/reg.html#wcs>).

Where sufficient data are collected to evaluate against the geometric mean component of the standard (*Tier I Beaches*), sites exceeding a geometric mean of 35cfu/100ml greater than 10% of the time are included on the 303(d) list of impaired waters.

In absence of sufficient data for evaluation of the geometric mean standard as prescribed in R. 61-68 (*Tier II and Tier III Beaches*), only evaluation against the SSM standard is considered and greater than 10% exceedences are included on the 303(d) list of impaired waters.

*Fish/Shellfish Consumption Use Support* - Fish consumption use support is determined by the occurrence of advisories on human consumption for a given waterbody. For the support of consumption uses, a mercury or PCB advisory which limits fish consumption indicates nonsupport of uses.

Shellfish use support is determined by the harvesting status for a given shellfish harvesting area. Based on an evaluation against the appropriate water quality standard, elevated fecal coliform bacteria levels and/or a classification which restricts shellfish harvesting in a designated harvesting area indicates nonsupport of uses and the waterbody may be listed as impaired for the pollutant of concern.

## **Appendix G: Responsiveness Summary South Carolina 2010 303(d) List**

Comments were received from the following:

Center for Biological Diversity  
Charleston County  
Greenville County  
Greer, City of  
Private Citizen (Mr. Don Rowe)  
Savannah River Site  
South Carolina Department of Transportation  
Upstate Forever

### **Center for Biological diversity**

#### **Comment One:**

“On behalf of the Center for Biological Diversity, these comments are submitted in response to South Carolina’s draft list of impaired water bodies pursuant to the Clean Water Act section 303(d). South Carolina’s draft 303(d) list failed to include any ocean waters that are threatened or impaired by ocean acidification. This comment letter supports the inclusion of Atlantic Ocean waters on the list.”

“The materials submitted with the previous letter and here support a finding that South Carolina’s oceans are threatened or impaired. The purpose of water quality standards is to protect the biological diversity of South Carolina’s waters as well as recreational and commercial uses. Ocean acidification will have significant negative impacts on the survival of calcareous organisms as well as fish and other marine species. Commercial and recreational uses will be harmed as a result, which will particularly affect the tourism and fishing industries that are so important to South Carolina’s residents.”

“We urge South Carolina to add ocean water segments to its list of threatened and impaired waters under section 303(d) of the Clean Water Act. South Carolina has the authority and the duty to address this serious water quality problem—ocean acidification.”

#### **Response One:**

SCDHEC (The Department) acknowledges that the referenced data was received on August 10, 2009, in advance of the September 1, 2009 deadline for consideration in development of the draft 2010 303(d) list. The referenced data set was submitted without a copy of the SCDHEC-approved QAPP, as requested in the advertised solicitation; however, data were reviewed and considered for draft 2010 303(d) list development. In accordance with Department policy regarding use of data for 303(d) listing purposes, the referenced data were not used to list the Atlantic Ocean as impaired due to acidification.

The Department encourages the Center for Biological Diversity and all interested parties to continue and submit water quality data with a copy of the SCDHEC-approved QAPP for consideration in future listing cycles.

Because of the nationwide collaborative efforts from the Center of Biological Diversity regarding the above described issue, the USEPA has published a solicitation for comment in *The Federal Register* Vol. 75, No. 54, Monday, March 22, 2010. The solicitation includes the following excerpts:

**“Clean Water Act Section 303(d): Notice of Call for Public Comment on 303(d) Program and Ocean Acidification**

**AGENCY:** Environmental Protection Agency (EPA).

**ACTION:** Request for Public Comment.

**SUMMARY:** This notice solicits public comment on the effects of Ocean Acidification (OA) as it relates to the listing of impaired waters under Section 303(d) of the Clean Water Act (CWA). Under Section 303(d) of the CWA, States, Territories, and authorized Tribes are required to develop lists of impaired waters and develop Total Maximum Daily Loads (TMDLs) for the pollutant(s) causing the impairment. By this notice, EPA is soliciting input from the public on what considerations EPA should take into account when deciding how to address listing of waters as threatened or impaired for ocean acidification under the 303(d) program. Should EPA decide to issue guidance regarding the listing of waters as threatened or impaired for ocean acidification under the 303(d) program, EPA is using this opportunity to seek public comment on the specific assessment, monitoring and other elements under CWA that EPA should consider, as well as input on how EPA can take into account other Federal ocean acidification programs and initiatives when deciding how to approach ocean acidification under the 303(d) program.

**DATES:** Comments must be received on or before May 21, 2010.”

Please refer to the Federal Register for further information on how to submit comments, identified by Docket ID No. EPA-HQ-OW-2010-0175.

## Charleston County Comments

### Comment 1:

“Revise the document to identify impaired ‘waterbodies,’ as referred to in the first sentence of this document, instead of impaired ‘stations.’”

### Response 1:

The draft 2010 303(d) list identifies impaired stations and not waterbodies. The Department recognizes that the extent of impairment is unknown and may vary by pollutant type. This approach is consistent with that of previously approved listing cycles and has concurrence by the USEPA who is the final approval authority for the 303(d) list and assessment methodology.

### Comment 2:

“Include the procedure utilized for making the determination that a waterbody is impaired based on individual monitoring station data including the procedures being utilized in tidal waters where the flow regime varies greatly due to tide and weather.”

### Comment 2:

The assessment methodology used to evaluate all data for 303(d) listing purposes was advertised with the draft 2010 303(d) list during the public comment period February 8, 2010 – March 10, 2010. This assessment methodology has been approved by USPEPA Region 4. All data collected by the Department are collected in accordance with the South Carolina Water Quality Monitoring Strategy (the monitoring strategy is a SCDHEC-approved QAPP) and the Department Quality Management Plan (QMP). Evaluation of data varies by pollutant, water quality criteria and designated use (e.g. freshwaters versus tidally-influenced waters).

An electronic copy of the State of South Carolina Water Quality Monitoring Strategy approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/water/docs/strategy.pdf>

An electronic copy of the assessment methodology approved by the USEPA for the draft 2010 303(d) list can be found at the following link:

[http://www.scdhec.gov/environment/water/tmdl/docs/tmdl\\_10-303d.pdf](http://www.scdhec.gov/environment/water/tmdl/docs/tmdl_10-303d.pdf)

An electronic copy of the QMP developed by the Department and approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/envserv/docs/QMPJuly2008.pdf>

### Comment 3:

“Include an explanation and justification of why SCDHEC does not develop their list utilizing the same methodology as other neighboring states in EPA Region IV; i.e., North Carolina and Georgia, in regards to listing waterbody segments and not individual monitoring station points. This type of approach leads to inconsistencies in regulatory compliance.”

### Response 3:

All States have developed 303(d) list assessment methodologies within the framework of regulation and guidance established by the USEPA with some degree of variability and flexibility. USEPA is the final approval authority for both the assessment methodology and the

303(d) list. The draft 2010 303(d) list identifies impaired stations and not waterbodies because the Department recognizes that the extent of impairment is unknown and varies by pollutant type. This approach is consistent with that of previously approved listing cycles and has concurrence by the USEPA.

**Comment 4:**

“Include the citations and/or references in any pertinent Federal or State regulations that support the identification of impaired “stations” instead of “waterbodies” as the appropriate classification for the establishment of the 303(d) list.”

**Response 4:**

All States have developed 303(d) list assessment methodologies within the framework of regulation and guidance established by the USEPA with some degree of variability and flexibility.

Section 303(d) of The Federal Clean Water Act (CWA) requires:

“Each state shall identify those waters within its boundaries for which the effluent limitations required by section 301(b)(1)(A) and section 301(b)(1)(B) are not stringent enough to implement any water quality standard applicable to such waters. The State shall establish a priority ranking for such waters, taking into account the severity of the pollution and the uses to be made of such waters.”

40 CFR 130.7 (b)(2) requires:

“Each State shall also identify on the same list developed under paragraph (b)(1) of this section those water quality-limited segments still requiring TMDLs or parts thereof within its boundaries for which controls on thermal discharges under section 301 or State or local requirements are not stringent enough to assure protection and propagation of a balanced indigenous population of shellfish, fish and wildlife.”

The Department believes it is meeting the requirements of Section 303(d) of the CWA and in accordance with 40 CFR 130.7 by submitting a list of impaired stations to the USEPA. The Department believes the extent of impairment is unknown and varies by pollutant type. This approach is consistent with that of previously approved listing cycles and has concurrence by the USEPA.

**Comment 5:**

“Include the referenced EPA approved SCDHEC Quality Assurance Management Plan (QAMP). Identify the procedures utilized to verify that “all data and information sources used for the 2010 303(d) list were reviewed in accordance with”

**Response 5:**

An electronic copy of the State of South Carolina Water Quality Monitoring Strategy approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/water/docs/strategy.pdf>

Note that the monitoring strategy is a SCDHEC-approved QAPP.

An electronic copy of the QMP developed by the Department and approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/envserv/docs/QMPJuly2008.pdf>



**Comment 6:**

“Include a copy of the EPA Assessment Data Base (ADB) Initiative and summarize how this is utilized by DHEC in the preparation and development of the 2010 303(d) list.”

**Response 6:**

Once the assessment database (ADB) is populated with 2010 assessment results, it will be forwarded to USEPA Region 4 for its use.

The ADB is a database warehouse of assessment results for all monitoring sites that have assessed for Sections 305(b) and 303(d) reporting . The Department only uses ADB for reporting electronic assessment results to USEPA Region 4 in order to gain full credit for submittal of 303(d) list and 305(b) report (Integrated Report Parts I and II, respectively). While the USEPA may use the ADB for their own regional and national purposes, SCDHEC does not use the ADB to assist with any regulatory decisions.

**Comment 7:**

“Include a copy of the referenced August 8, 1997, EPA Guidance Memorandum: New Policies for Establishing and Implementing Total Maximum Daily Loads.”

**Response 7:**

A copy of the referenced memo can be found at the following link:

<http://www.epa.gov/OWOW/tmdl/ratepace.html>

**Comment 8:**

“Include a description of the procedures utilized to evaluate the contributions of natural sources in the establishment of the list. As stated in the document, in order to be in compliance with SC Regulation 61-68, "waterbodies with standards excursions attributable solely to natural conditions are not included on South Carolina's 303(d) list." Include a list of all waterbodies/stations that have been removed from the list due to consideration of the contributions of natural sources.”

**Response 8:**

The following is subsequently stated in the advertised methodology for the draft 2010 303(d) list: “Additionally, as stated in Appendix F, certain state waters, such as blackwater systems in the Sandhills and Coastal Plain are frequently characterized by naturally low pH and DO concentrations, as are many tidally influenced systems along the coast. The Department used biological community data as a factor in determining whether pH and DO excursions represent natural conditions. On a case-by-case basis, departmental staff also considered other factors such as land use, and critical hydrology in assessing use attainment at individual locations where natural conditions were potentially involved. The Department does not believe that it is appropriate to develop TMDLs for these sites, per Regulation 61-68 Section C. 9.” Based on the above described, the Department has used an weight of evidence approach to only evaluate stations with low DO and/or low pH in blackwater systems for natural conditions determinations.

An example of this approach and subsequent “natural conditions” determination is illustrated by the following: For Site PD-251, Black Creek at US 1, Chesterfield County, SC: Station PD-251 is located in the Pee Dee River Basin, a “blackwater” system located in the Southeastern Plains (sandhills) region of South Carolina. Specifically, PD-251 is located within the Black Creek/Lake

Robinson Watershed. This watershed is predominantly forested and herbaceous grassland. A blackwater system is characterized by naturally low pH and dissolved oxygen (DO). This particular segment of Black Creek has a site specific pH standard of between 5 and 8.5. pH sampling results at PD-251 for the 2010 assessment show that there were 25 exceedances of the pH standard out of 59 samples taken (42.3%); the average pH excursion was 4.53. These excursions were typical of values seen in black water systems and considered natural, not standards violations. Therefore, this site has been considered to have naturally low pH in previous assessments. Upstream landuse is predominantly forested and rural. Aerial photographs and landuse data indicate a continuous forested buffer well upstream on both sides of the bank. There are no urbanized areas, NPDES dischargers, permitted mines or permitted animal feeding operations for at least 10 river miles upstream in this watershed. In fact, most of the watershed upstream of this site is located within the Carolina Sandhills National Wildlife Refuge. It was thus determined that the low pH was a natural condition of this aquatic system.

**Comment 9:**

“Include in the document a verification statement that DNR is utilizing sampling/reporting techniques in accordance with the approved QAMP.”

**Response 9:**

The Department did not receive nor use any SCDNR data in development of the draft 2010 303(d) list.

**Comment 10:**

“Include a description of the utilization of the 303(d) list in the establishment of shellfish harvesting boundary area relationships. As you are aware, the shellfish harvesting boundaries are not established on a watershed basis, one example being a shellfish harvesting boundary that bisects a local high school football field.”

**Response 10:**

The draft 2010 303(d) list was developed utilizing FC (fecal coliform) bacteria data collected at shellfish monitoring stations.

Shellfish monitoring sites selection is based upon guidelines and regulations established by the Federal Drug Administration (FDA) and not guidelines and regulations established by USEPA. Because shellfish FC data are collected in accordance with the South Carolina Water Quality Monitoring Strategy (the monitoring strategy is an approved QAPP) and the Department Quality Management Plan (QMP), data were used in development of the draft 2010 303(d) list.

**Comment 11:**

“Include a description of the methodology utilized to ensure QAMP compliance of the shellfish sanitation report data.”

**Response 11:**

An electronic copy of the State of South Carolina Water Quality Monitoring Strategy approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/water/docs/strategy.pdf>

Note that the monitoring strategy is a SCDHEC-approved QAPP.

An electronic copy of the QMP developed by the Department and approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/envserv/docs/QMPJuly2008.pdf>

**Comment 12:**

“Include any quality assurance/quality control standards or procedures for loading water quality monitoring data into STORET including compliance with the QAMP.”

**Response 12:**

SCDHEC ambient water quality data are uploaded to the USEPA’s data warehouse STORET and are available for download by the public at large. The public can access the site at the following link: <http://www.epa.gov/storet/dbtop.html>

The Department currently does not have any written protocol or standards for uploading data in STORET; however, the Department maintains the highest standards for uploading into the data warehouse, once all data has completed an internal QA/QC review process.

**Comment 13:**

“Include a list of impaired waters where non-DHEC certified laboratory data was used as part of the impaired listing determination.”

**Response 13:**

There were no sites included on the draft 2010 303(d) list that included non-SCDHEC certified laboratory data.

**Comment 14:**

“Include all references of the data sources that were considered and utilized in the development of the 303(d) list.”

**Response 14:**

While the Department considered data provided by the Center for Biodiversity (San Francisco, CA) and Santee Cooper (South Carolina Public Service Authority, Monck’s Corner, SC), the only non-DHEC data used for development of the draft 2010 303(d) list were collected and/or analyzed by Santee Cooper (South Carolina Public Service Authority). Santee Cooper data are collected in accordance with the South Carolina Water Quality Monitoring Strategy (the monitoring strategy is a SCDHEC-approved QAPP).

An electronic copy of the State of South Carolina Water Quality Monitoring Strategy approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/water/docs/strategy.pdf>

Note that the monitoring strategy is a SCDHEC-approved QAPP.

**Comment 15:**

“Include a description of the fecal coliform bacteria standard utilized to determine compliance with fish and shellfish consumption requirements and this standard’s affect on the 2010 303(d) list.”

**Response 15:**

Guided by the minimum requirements of the National Shellfish Sanitation Program Model Ordinance and in accordance with USFDA requirements, the State of South Carolina has implemented a Water Quality Standard (WQS) for fecal coliform in Shellfish Harvesting Waters as:

“Not to exceed an MPN fecal coliform geometric mean of 14/100 ml; nor shall more than 10% of the samples exceed an MPN of 43/100 ml.” (R. 61-68).

The assessment methodology advertised with the draft 2010 303(d) list during the public comment period February , 2010 – March 10, 2010 includes the following information pertaining to the use of shellfish data and the draft 2010 303(d) list:

“Shellfish use support is determined by the harvesting status for a given shellfish harvesting area. Based on an evaluation against the appropriate water quality standard, elevated fecal coliform bacteria levels and/or a classification which restricts shellfish harvesting in a designated harvesting area indicates nonsupport of uses and the waterbody may be included on the 303(d) list of impaired waters.”

Assessment results of 2006-2008 shellfish FC data included in the 2009 shellfish sanitation reports served as a basis for inclusion on draft 2010 303(d) list. A copy of the 2009 shellfish sanitation reports can be found at the following link:

<http://www.scdhec.gov/environment/water/sfreports.htm>

**Comment 16:**

“Identify the statutory reference that allows the utilization of water quality criteria other than those identified in the Clean Water Act. In particular, identify the reference in regards to utilization of the USDA shellfish consumption standard.”

**Response 16:**

Guided by the minimum requirements of the National Shellfish Sanitation Program Model Ordinance and in accordance with USFDA requirements, the State of South Carolina has implemented a Water Quality Standard (WQS) for FC bacteria in Shellfish Harvesting Waters as:

“Not to exceed an MPN fecal coliform geometric mean of 14/100 ml; nor shall more than 10% of the samples exceed an MPN of 43/100 ml.” (R. 61-68).

The Department and USEPA believe that fish and shellfish consumption advisories and certain shellfish growing area classifications may demonstrate impairment of CWA section 101(a) “fishable” uses. This applies to fish and shellfish consumption advisories and certain shellfish area classifications for all pollutants that constitute potential risks to human health source of the pollutant. For purposes of determining shellfish area is impaired for human consumption of shellfish, states are required to consider all existing and readily available data and information (see 40 CFR 130.7).

**Comment 17:**

“Identify any and all water quality standards that are being utilized in the 303(d) list development.”

**Response 17:**

A copy of the applicable South Carolina water quality standards (R. 61-68) can be found at the following link: <http://www.scdhec.gov/environment/water/reg.htm#wcs>

Water quality standards evaluated for development are included in the assessment methodology advertised with the draft 2010 303(d) list during the public comment period February , 2010 – March 10, 2010. See the following link:

[http://www.scdhec.gov/environment/water/tmdl/docs/tmdl\\_10-303d.pdf](http://www.scdhec.gov/environment/water/tmdl/docs/tmdl_10-303d.pdf)

**Comment 18:**

“Include an explanation of why the bacteria standard utilized in the development of South Carolina’s 2010 303(d) list is based on a fecal coliform bacteria criteria when EPA has strongly recommended using E. coli and/or enterococci criteria since 1986 (*Ambient Water Quality Criteria for Bacteria-1986* and *Implementation Guidance for Ambient Water Quality Criteria for Bacteria-2002*).”

**Response 18:**

Per SC Regulation 61-68, the existing recreational standard for fecal coliform reads: “Not to exceed a geometric mean of 200/100 ml, based on five consecutive samples during any 30 day period; nor shall more than 10% of total samples during any 30 day period exceed 400/100 ml.” Because this is an existing water quality standard, ambient FC bacteria data collected by the Department during the 2004-2008 time-frame were assessed against the appropriate criterion for this parameter. Section 303(d) of the Clean Water Act (CWA) requires the Department to include sites on the 303(d) list that are not meeting the water quality standard for the pollutant of concern.

South Carolina R.61-68 also has an existing water quality standard for enterococci bacteria standard in tidal salt waters: “Not to exceed a geometric mean of 35/100 ml based on at least four samples collected from a given sampling site over a 30 day period; nor shall samples exceed a single sample maximum (SSM) of 104/100 ml.” Because this is also an existing water quality standard, ambient enterococci bacteria collected by the Department during the 2004-2008 time-frame were assessed against the appropriate criterion for this parameter.

The Department currently does not have an approved recreational water quality standard for E. coli; therefore, no E. coli data were assessed during development of the draft 2010 303(d) list.

**Comment 19:**

“Include language to verify that 319 grant funding assistance is available to MS4s for projects where non-permit compliance activities are being pursued as allowed in other EPA Region IV states.”

**Response 19:**

Under the TMDL Implementation Section of the draft 2010 303(d) list assessment methodology, the following clarifications were included: “The DHEC §319 Grant Program has initiated a process for implementation of the nonpoint source (load allocation or LA) component of approved TMDLs on a watershed scale. Areas covered under an NPDES permit, including all continuous and non-continuous discharges, are subject to the wasteload allocation (WLA) component of approved TMDLs and are not eligible for DHEC §319 Grant funding.”

**Comment 20:**

“Include a description of the process for determining how far “upstream and/or downstream” the impairment is extended from a station and how this determination is made in complex tidally influenced waters where the flow regimes vary greatly due to tide and weather. This determination is particularly critical in the coastal estuaries and along waterways such as the Atlantic Intracoastal Waterway (AIWW).”

**Response 20:**

The draft 2010 303(d) list identifies impaired stations and not waterbodies because the Department recognizes that the extent of impairment is unknown and varies by pollutant type. This approach is consistent with that of previously approved listing cycles and has concurrence by the USEPA.

**Comment 21:**

“Include a description of how a TMDL is tied to the impaired waterbody. The present method of utilizing impaired points does not include a methodology for TMDL development.”

**Response 21:**

In addition to requiring development of a list of impaired waters, Section 303(d) of the Clean Water Act also requires states to prioritize or rank listings for TMDL development.

A methodology for TMDL development is not required under the CWA, 40 CFR 130.7 or USEPA Integrated Report guidance for development of the 303(d) list of impaired waters.

**Comment 22:**

Include an explanation on why DHEC believes that it is appropriate to not determine the extent of the “impairment of the waterbodies” until TMDL development and implementation.

**Response 22:**

The draft 2010 303(d) list identifies impaired stations and not entire waterbodies because the Department recognizes that the extent of impairment is unknown and varies by pollutant type. This approach is consistent with that of previously approved listing cycles and has concurrence by the USEPA.

## Greenville County Comments

### Comment 1:

“The draft 2010 303(d) list identifies impaired stations rather than entire waterbodies. Prior to assuming that a waterbody is impaired for a given pollutant between stations, more investigation must be done. Existing monitoring programs are not adequate to determine the extent of the impairments. The extent of waters designated as impaired based on single sampling points is too large and not technically justified.”

### Response 1:

The draft 2010 303(d) list identifies impaired stations and not entire waterbodies because the Department recognizes that the extent of impairment is unknown and varies by pollutant type. This approach is consistent with that of previously approved listing cycles and has concurrence by the USEPA.

### Comment 2:

“Public notice should have been provided by August 1 of each odd numbered year soliciting data for inclusion in the process. Specific notice should have been provided to SCDOT and all other MS4s soliciting data for inclusion in the process.”

“Under the section “Sources of Data...” the Department mentions a standing solicitation and written solicitation sent to certain “(e.g. research universities, power utilities, other state and federal resource agencies)...”. This list should have included all permitted MS4’s in the state”

### Response 2:

In accordance with the Clean Water Act (CWA) and 40 CFR 130.7, the Department maintains a standing solicitation for outside data to be considered during 303(d) list development. The solicitation, as well as the criteria for acceptance of outside data, can be found at the following website: <http://www.scdhec.gov/environment/water/tmdl/#2>. In addition, an active solicitation for outside data was sent out via e-mail to electrical utilities, academic institutions, other state and federal agencies on June 9, 2009. Both solicitations state: “All non-DHEC data are accepted for consideration at any time during the listing cycle; however, only data submitted before September 1 of each odd-numbered year will be considered for the following year’s 303(d) list (for example, data for the 2010 list must be submitted by September 1, 2009).” At the request of the commentor, the Department will also e-mail the active solicitation to regulated MS4 entities during future listing cycles.

### Comment 3:

“Provide a list of impaired waters where non-DHEC data was used as part of the impaired listing determination and show the source(s) of that data.”

**Response 3:**

The only non-DHEC data assessed for development of the draft 2010 303(d) list were collected and/or analyzed by Santee Cooper (South Carolina Public Service Authority; Monck’s Corner, SC). The following is a list of all stations/pollutants included on the draft 2010 303(d) list where data were collected and/or analyzed by Santee Cooper:

BASIN8	HUC	LOCATION	STATION	COUNTY	USE	CAUSE
SANTEE	030501110101	WARLEY CREEK AT HWY. 267 BRIDGE	SC-006	CALHOUN	AL	TN
SANTEE	030501110102	SPRING CROVE CREEK @ SECONDARY ROAD 26 BRIDGE	SC-009	CLARENDON	AL	TN
SANTEE	030501110102	SPRING CROVE CREEK @ SECONDARY ROAD 26 BRIDGE	SC-009	CLARENDON	REC	FC
SANTEE	030501110104	LAKE MARION SANTEE RIVER ARM 6 MI NE OF ELLOREE	RL-06422	CALHOUN	AL	TP
SANTEE	030501110104	UPPER LAKE MARION @ THE MOUTH OF HALFWAY SWAMP CREEK	SC-038	CALHOUN	AL	TP
SANTEE	030501110105	BIG POPLAR CREEK @ SECONDARY ROAD 105 BRIDGE	SC-011	CALHOUN	AL	DO, TN
SANTEE	030501110106	LK MARION @ JACK'S CK EMBAYMENT; USE SANTEE COOPER SC-012	RL-02306	CLARENDON	AL	TP
SANTEE	030501110107	MID LAKE MARION @ TAW CAW CREEK EMBAYMENT	SC-017	CLARENDON	AL	TP
SANTEE	030501110107	MID LAKE MARION @ THE MOUTH OF TAW CAW CREEK	SC-036	CLARENDON	AL	TP
SANTEE	030501110108	LAKE MARION 1.10 M SSE OF SANTEE NAT. WILDLIFE REFUGE AND 1MI S OF EAGLE POINT (SC-035)	RL-01011	CLARENDON	AL	TP
SANTEE	030501110108	LK MARION, WYBOO CREEK ARM DS OF CLUBHOUSE BR (SC-023A)	ST-036	CLARENDON	AL	PH
SANTEE	030501110109	LK MARION @ CHANNEL MARKER 69; USE SANTEE COOPER SC-016	RL-02308	CLARENDON	AL	TP
SANTEE	030501110109	LAKE MARION 0.5 MI NE OF CALHOUN LANDING (USE SC-044)	RL-04388	CALHOUN	AL	TP
SANTEE	030501110109	UPPER LAKE MARION NEAR PACK'S LANDING	SC-005	SUMTER	AL	DO, TP
SANTEE	030501110109	LAKE MARION AT RR TRESTLE AT LONE STAR (SC-008)	SC-008	CALHOUN	AL	TP
SANTEE	030501110109	UPPER LAKE MARION AT CHANNEL MARKER 150	SC-010	CALHOUN	AL	TP
SANTEE	030501110109	UPPER LAKE MARION @ HEADWATERS OF CHAPEL BRANCH CREEK	SC-014	ORANGEBURG	AL	PH, TP
SANTEE	030501110109	UPPER LAKE MARION 2.0 KM BELOW RIMINI RAILROAD TRESTLE	SC-039	CLARENDON	AL	TP
SANTEE	030501110109	MID LAKE MARION @ CHANNEL MARKER 79	SC-040	ORANGEBURG	AL	TP
SANTEE	030501110109	MID LAKE MARION 3.2 KM NORTH OF CHANNEL MARKER 79	SC-041	CLARENDON	AL	TP
SANTEE	030501110109	MID LAKE MARION @ NORTH END OF I-95 / U.S. 301 BRIDGES	SC-042	CLARENDON	AL	TP
SANTEE	030501110109	SURFACE DRAINAGE FROM SAFETY KLEEN HAZARDOUS LANDFILL	SC-056	SUMTER	AL	NI, TN
SANTEE	030501110109	STREAM ORIGINATING UPSTRM OF SAFETY KLEEN HAZARDOUS LANDFILL	SC-058	SUMTER	AL	NI
SANTEE	030501110109	LK MARION AT OLD US 301/15 BRDG AT SANTEE (SC-015)	ST-025	ORANGEBURG	AL	ZN
SANTEE	030501110109	LAKE MARION AT RR TRESTLE AT LONE STAR (SC-008)	ST-034	CALHOUN	AL	TP
SANTEE	030502010101	DIVERSION CANAL AT SC 45 12.6 MI W OF ST STEPHENS (SC-025)	CSTL-079	BERKELEY	FISH	HG
SANTEE	030502010101	LAKE MOULTRIE SW IN OPEN WATER	RL-02454	BERKELEY	AL	NH3N
SANTEE	030502010101	TRIBUTARY 0.6 KM UPSTR OF SC HWY. 6 NEAR CROSS HS	SC-026	BERKELEY	REC	FC
SANTEE	030502010101	TRIBUTARY FLOWING TO LAKE MOULTRIE FROM CROSS GENER. STATION	SC-043	BERKELEY	AL	CU
SANTEE	030502010101	TRIBUTARY FLOWING TO LAKE MOULTRIE FROM CROSS GENER. STATION	SC-043	BERKELEY	REC	FC
SANTEE	030502010701	TAIL RACE CANAL AT US 52 & 17A BELOW LAKE MOULTRIE (SC-033)	CSTL-062	BERKELEY	FISH	HG

**Comment 4:**

“Provide a list of waterbodies where non-DHEC data was included for delisting waterbodies and show the source(s) of that data.”

**Response 4:**

The only non-DHEC data assessed for development of the draft 2010 303(d) list were collected and/or analyzed by Santee Cooper. The following is a list of all stations/pollutants delisted and included in Appendix A (delisted due to standard attainment) where data were collected and/or analyzed by Santee Cooper:



BASIN 8	HUC	LOCATION	STATION	COUNTY	USE	CAUSE	DELISTING REASON
SANTEE	030501110109	LAKE MARION FOREBAY, SPILLWAY MARKER 44 (SC-022)	CL-042	ORANGE BURG	AL	CU	STANDARD ATTAINED
SANTEE	030501110109	STREAM FLOWING THRU SANTEE NATIONAL GOLF COURSE POND @ HWY 6	SC-045	ORANGE BURG	REC	FC	STANDARD ATTAINED
SANTEE	030501110109	SURFACE DRAINAGE FROM SAFETY KLEEN HAZARDOUS LANDFILL	SC-057	SUMTER	AL	NI	STANDARD ATTAINED
SANTEE	030501110109	LK MARION AT OLD US 301/15 BRDG AT SANTEE (SC-015)	ST-025	ORANGE BURG	AL	TP	STANDARD ATTAINED

**Comment 5:**

“Under the section “Methodology for Delisting.....” the second paragraph lists three criteria for delisting waterbodies. Provide and list of the waterbodies meeting criteria for each of the 3 items.”

**Response 5:**

Based on the Federal and State regulations and the assessment methodology developed and approved in conjunction with USEPA Region 4, the following are the three ways demonstrate ‘good cause’ to delist a site/impairment from a 303(d) list:

- SC water quality standard has been attained.
- A TMDL has been developed and approved. Please note that a developed and approved TMDL may not mean that the site/station has attained SC water quality standards.
- A listing error has been identified.

Appendix A and Appendix B of the draft 2010 303(d) list include all sites removed from the 2008 303(d) list due to one of the three criteria for delisting.

**Comment 6:**

“Under the section “Aquatic Life Use Support”, the sixth paragraph states that “biological data are generally considered as the deciding factor, regardless of chemical conditions.” This indicates that DHEC may list a station as impaired for BIO without knowing what the specific pollutant of concern is. Furthermore, under the section “Methodology for Delisting....” the third paragraph states that “waterbodies listed for ‘BIO’ (biological impairment) on the 2010 list have been removed for BIO if a pollutant responsible for the impairment has been identified.” Therefore, for stations listed on the 303(d) list as impaired for BIO, the pollutant responsible for the impairment is not known. How could an MS4 comply with the DHEC antidegradation rules of DHEC Reg. 61-68(D) when the pollutant of concern is not identified?”

**Response 6:**

A TMDL will be developed to address BIO, or impaired macroinvertebrate community, in cases where a pollutant has not been identified. At the time of TMDL commencement, the BIO site may: 1) Be targeted for additional physical/chemical data collection to assist with TMDL development; or 2) Be targeted for an additional macroinvertebrate survey; or 3) a reduction surrogate will be identified in order to improve the overall macroinvertebrate community at the impaired location.

SCDHEC compliance, biological monitoring and TMDL staff are available for consultation with respect to BIO impairments and compliance with their NPDES permit.

**Comment 7:**

“Under the section “Methodology for Listing...” in the third paragraph, provide a list of waterbodies with excursions attributed solely to natural conditions.”

**Response 7:**

The following is subsequently stated in the advertised methodology for the draft 2010303(d) list: “Additionally, as stated in Appendix F, certain state waters, such as blackwater systems in the Sandhills and Coastal Plain are frequently characterized by naturally low pH and DO concentrations, as are many tidally influenced systems along the coast. The Department used biological community data as a factor in determining whether pH and DO excursions represent natural conditions. On a case-by-case basis, departmental staff also considered other factors such as land use, and critical hydrology in assessing use attainment at individual locations where natural conditions were potentially involved. The Department does not believe that it is appropriate to develop TMDLs for these sites, per Regulation 61-68 Section C. 9.” Based on the above described, the Department has used an weight of evidence approach to only evaluate stations with low DO and/or low pH in blackwater systems for natural conditions determinations.

An example of this approach and subsequent “natural conditions” determination is illustrated by the following: For Site PD-251, Black Creek at US 1, Chesterfield County, SC: Station PD-251 is located in the Pee Dee River Basin, a “blackwater” system located in the Southeastern Plains (sandhills) region of South Carolina. Specifically, PD-251 is located within the Black Creek/Lake Robinson Watershed. This watershed is predominantly forested and herbaceous grassland. A blackwater system is characterized by naturally low pH and dissolved oxygen (DO). This particular segment of Black Creek has a site specific pH standard of between 5 and 8.5. pH sampling results at PD-251 for the 2010 assessment show that there were 25 exceedances of the pH standard out of 59 samples taken (42.3%); the average pH excursion was 4.53. These excursions were typical of values seen in black water systems and considered natural, not standards violations. Therefore, this site has been considered to have naturally low pH in previous assessments. Upstream landuse is predominantly forested and rural. Aerial photographs and landuse data indicate a continuous forested buffer well upstream on both sides of the bank. There are no urbanized areas, NPDES dischargers, permitted mines or permitted animal feeding operations for at least 10 river miles upstream in this watershed. In fact, most of the watershed upstream of this site is located within the Carolina Sandhills National Wildlife Refuge. It was thus determined that the low pH was a natural condition of this aquatic system.

**Comment 8:**

“Under “Sources of Data...” in “DHEC: Environmental Quality Control” DHEC states that only half of the total number of sites monitored (2300 total sampling points) were used in the 303(d) list. Provide the references of these sources that were considered and used in development of the 303(d) list and an explanation of why the other approximately 1200 sampling points were excluded.”

**Response 8:**

Data collected between 2004-2008 (five years total) by SCDHEC and Santee Cooper were used in assessment for the draft 2010 303(d) list. Other data considered in the assessment were provided by the Center of Biological Diversity (San Francisco, California). The only subsequent listings were based upon assessment of Santee Cooper and SCDHEC data. This represents

approximately 2337 sites assessed for 2010 (2271 SCDHEC + 66 Santee Cooper), including sites rolled over from the 2008 303(d) list where no additional data had been collected during the 2004-2008 time-frame.

**Comment 9:**

“Provide, in an appendix, the QAMP as updated for the 2010 303 d list determination.”

**Response 9:**

An electronic copy of the State of South Carolina Water Quality Monitoring Strategy approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/water/docs/strategy.pdf>

Note that the monitoring strategy is a SCDHEC-approved QAPP.

An electronic copy of the QMP developed by the Department and approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/envserv/docs/QMPJuly2008.pdf>

**Comment 10:**

“Sources of Data. Under the section “Sources.....” in the next to last paragraph DHEC states, “All data and information used were readily accessible and met the Department’s criteria for quality assurance”. How was the quality assurance performed and by whom? Please provide this QA/QC documentation. Will the same data be used to develop the TMDLs for each waterbody? If not, please explain.”

**Response 10:**

All data collected by the Department are collected in accordance with the South Carolina Water Quality Monitoring Strategy (the monitoring strategy is a SCDHEC-approved QAPP) and the Department Quality Management Plan (QMP). Data collected at these sites will be used for future TMDL development.

An electronic copy of the State of South Carolina Water Quality Monitoring Strategy approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/water/docs/strategy.pdf>

Note that the monitoring strategy is a SCDHEC-approved QAPP.

An electronic copy of the QMP developed by the Department and approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/envserv/docs/QMPJuly2008.pdf>

**Comment 11:**

“Under the section “Recreational Use Support” DHEC is using an incorrect indicator for analysis of the swimmable goal. Since 1986, EPA guidance has directed DHEC to change from Fecal counts as the indicator of sewage contamination to E-coli as a more accurate indicator of the impairment. We recommend and request that DHEC suspend listing any waterbodies for Fecal impairment and resume listing only when the E-coli indicator is adopted and developed as the correct parameter.”

**Response 12:**

Per SC Regulation 61-68, the existing recreational standard for fecal coliform reads: “Not to exceed a geometric mean of 200/100 ml, based on five consecutive samples during any 30 day period; nor shall more than 10% of total samples during any 30 day period exceed 400/100 ml.” Because this is an existing water quality standard, ambient FC bacteria data collected by the Department during the 2004-2008 time-frame were assessed against the appropriate criterion for this parameter. Because the Department does not collect sufficient data for assessment against the geometric mean component of standard, the instantaneous component of the standard (400/100 ml) was targeted for assessment purposes. Section 303(d) of the Clean Water Act (CWA) requires the Department to include sites on the 303(d) list that are not meeting the water quality standard for the pollutant of concern.

The Department currently does not have an approved recreational water quality standard for E. coli; therefore, no E. coli data were assessed during development of the draft 2010 303(d) list.

**Comment 13:**

“DHEC indicates that its monitoring program is by and large inadequate to evaluate the geometric mean criteria. Prior to listing any waterbodies impaired for bacteria DHEC must adjust and improve its monitoring program to allow evaluation of the geometric mean criteria.”

**Response 13:**

Per SC Regulation 61-68, the existing recreational standard for fecal coliform reads: “Not to exceed a geometric mean of 200/100 ml, based on five consecutive samples during any 30 day period; nor shall more than 10% of total samples during any 30 day period exceed 400/100 ml.” Because this is an existing water quality standard, ambient FC bacteria data collected by the Department during the 2004-2008 time-frame were assessed against the appropriate criterion for this parameter. Because the Department does not collect sufficient data for assessment against the geometric mean component of standard, the instantaneous component of the standard (400/100 ml) was targeted for assessment purposes. Section 303(d) of the Clean Water Act requires the Department to include sites on the 303(d) list that are not meeting the water quality standard for the pollutant of concern.

**Comment 14:**

“Under the section “TMDL Development...” and associated reference documents, the TMDL’s are treated as regulatory mechanisms without being considered a direct regulation. This slight of hand attempts to avoid the requirements of the Administrative Procedures Act for rule development. Since the 303(d) listings are treated as regulatory instruments, they are subject to regulatory approvals through the legislative process. Include a section in the 303(d) list update under the “TMDL Implementation” section explaining how DHEC will properly comply with the APA requirements.”

**Response 14:**

Sections 303(d) and 305(b) of the CWA, in accordance with 40 CFR 130.7, require all states and U.S. territories to provide an assessment of the quality of their waters on April 1<sup>st</sup> of every even-numbered year (biennially). The Department has submitted a 303(d) list of impaired waters and 305(b) water quality report for all assessed waters to EPA Region 4 for approval every even-numbered year since initially required by the EPA. During each listing cycle, the public has been invited to comment on the EPA-approved assessment methodology and the 303(d) list. The public

was provided opportunity to comment of the EPA-approved assessment methodology during the advertised public comment period for the draft 2010 303(d) list.

Section 303(d) of the Clean Water Act also establishes the principle of the total maximum daily load (TMDL) as a means of reducing water pollution in impaired waters. In 2005, R. 61-110 was promulgated through the South Carolina State Legislature. This regulation outlines the administrative process for public notice, notice of proposed decision and the appeal process for all TMDLs. In effect, the regulation describes the public participation process during TMDL development and finalization.

The Department understands the implications on the regulated community for implementation of TMDL WLAs through NPDES permits. The Department will continue to involve all interested parties and affected stakeholders throughout the TMDL development and implementation process. However, a request that the Department promulgate the 303(d) List “within SCDHEC regulations” would have the effect of adding a great deal of additional time to the process. The Administrative Procedures Act (APA) lays out steps that State Agencies must follow when promulgating regulations. Aside from the requirements for agency board review and publication in the South Carolina State Register, the APA requires regulations to be approved by the South Carolina General Assembly. The latter process alone takes about six months on average and sometimes longer. In addition, the General Assembly is only in session from January to June so the Department would have to coordinate submittal of the 303d List to correspond with that time-frame. Since the 303(d) List is required by the CWA to be compiled by April 1 of every even-numbered year, the requirement for APA approval would most certainly prohibit the Department from meeting requirements of the CWA and 40 CFR 130.7.

SC Regulation 61-110 is in place to guide the public participation aspects of TMDL development.

**Comment 15:**

“Unfunded Implementation. Under the section “TMDL Implementation...” add language to clarify that DHEC has decided not to provide funding assistance for those who are subject to NPDES permit requirements to implement TMDL’s. The current language is not clear and gives an incorrect impression that funding assistance is available for implementation where NPDES permits are required.”

**Response 15:**

Under the TMDL Implementation Section of the draft 2010 303(d) list assessment methodology, the following clarifications were included: “The DHEC §319 Grant Program has initiated a process for implementation of the nonpoint source (load allocation or LA) component of approved TMDLs on a watershed scale. Areas covered under an NPDES permit, including all continuous and non-continuous discharges, are subject to the wasteload allocation (WLA) component of approved TMDLs and are not eligible for DHEC §319 Grant funding.”

**Comment 16:**

“Impaired Stations vs. Impaired Waterbodies. Under the section “List of Impaired.....” DHEC states that individual points are listed as impaired and an assumption is made to extend that impaired status upstream and downstream of the point listed. We believe that the real extent of waters listed as impaired based on single sampling points is too large and not technically justified. Please provide your basis listing the entire HUC waterbodies based one or two sampling points.”

**Response 16:**

Entire 12-digit HUCs were not identified as impaired on the draft 2010 303(d) list. Instead, the list identifies impaired stations because the Department recognizes that the extent of impairment is unknown and varies by pollutant type. This approach is consistent with that of previously approved listing cycles and has concurrence by the USEPA.

**Comment 17:**

“We believe it is necessary to first determine the extent of the impairment prior to listing on the 303(d) list and then development of the 303(d) list as a regulation. This is due to DHEC’s approach to implementation of TMDLs and antidegradation policies, which rely on the extent of the impairment given in the 303(d) point list.”

**Response 17:**

The draft 2010 303(d) list identifies impaired stations because the Department believes the extent of impairment is unknown and varies by pollutant type. This listing approach is consistent with that of previously approved listing cycles and has concurrence by the USEPA.

During the TMDL development process, potential sources and characterization of pollutant loadings will be identified in order to determine what may be needed for the water quality standard to be achieved at the impaired water quality monitoring station.

## Comments from City of Greer

### Comment 1:

Re: “Comments on the Proposed 303d List – Water Quality Monitoring Station BE-017”

“The chemical, physical and microbiological data found on the Storet database were collected between January 1999 and December of 2008, while the biological assessment conducted by SC DHEC was performed on August 16, 2001, (see attachments). This segment of the Enoree River has been identified on the 303(d) list as having a biological impairment.”

“Water samples in the Storet data consistently report excursions of zinc that would be toxic to freshwater aquatic life as defined in R61-68. Although the data do show some improvement in the previous couple of years, excursions for fecal coliforms have also been common. “

“...We (The City of Greer) are requesting the installation of a water quality monitoring station that is closer to our city limits and thus reflects the efforts of our MS4.”

### Response 1:

Data collected from 2004-2008 were assessed for development of the 2010 draft 303(d) list. However, there were some sites carried over to the current listing cycle from the 2008 303(d) list because there were no additional data available to evaluate for the current listing cycle. Based on the 303(d) assessment of available data from the 2004-2008 time frame, BE-017 is not considered impaired for ambient Zn (zinc). The site does not currently meet the water quality standard for FC (fecal coliform bacteria). However, the water quality monitoring station RS-07220 is covered under an approved TMDL for FC; thus the station was included in Appendix B of the draft 2010 303(d) list. Note that, in accordance with the Clean Water Act (CWA) and 40 CFR 130.7, sites covered under an approved TMDL do not have to be included on the 303(d) list for the pollutant of concern. Based on the most recent BIO (instream macroinvertebrate survey) conducted by the Department, BE-017 is impaired for BIO and subsequently included on the draft 2010 303(d) list.

The Department collects data from statewide network of ambient monitoring sites in accordance with a water quality monitoring strategy that has been approved by the EPA. Ambient monitoring locations are not selected by the Department in order to evaluate compliance with NPDES stormwater permits. For more information, please refer to the most recent version of the State of SC Monitoring Strategy at the following link:

<http://www.scdhec.gov/environment/water/docs/strategy.pdf>

### Comment 2:

“RE: Comments on the Proposed 303d List – Random Water Quality Monitoring Station RS – 07220”

“Metals in the sediment such as lead, zinc and chromium appear to be on the high end of background and several of the fecal readings were high as well. Dissolved oxygen, turbidity, and pH were all well within the water quality standards for freshwaters found in R61-68. Even so the stream still failed its biological assessment.”

“ ... [T]he City of Greer is requesting that the data from the August 2007 biological assessment [RS-07220] be discarded due to drought conditions.”

**Response 2:**

SC currently does not have standards for sediments and therefore does not evaluate sediment data for the purposes of 303(d) list development.

Data collected from 2004-2008 were assessed for development of the 2010 draft 303(d) list. However, there were some sites carried over to the current listing cycle from the 2008 303(d) list because there were no additional data available to evaluate for the current listing cycle. Based on the 303(d) assessment of available physical and chemical data from the 2004-2008 time frame, RS-07220 is not considered impaired for ambient DO (dissolved oxygen), pH, or Turbidity. The site does not currently meet the water quality standard for FC (fecal coliform bacteria). However, the water quality monitoring station RS-07220 is covered under an approved TMDL for FC; thus the station was included in Appendix B of the draft 2010 303(d) list. Note that, in accordance with the Clean Water Act (CWA) and 40 CFR 130.7, sites covered under an approved TMDL do not have to be included on the 303(d) list for the pollutant of concern. The department will remove RS-07220 from the draft list for BIO before forwarding to USEPA Region 4 for final approval because it was determined that site was initially listed in error.

**Comment 3:**

“RE: Comments on the Proposed 303d List -Water Quality Monitoring Station B-192”

“The Storet data show elevated levels of chromium, copper, lead, nickel and zinc in sediments. It appears from the data that these metals are also showing up in the water samples. Values for copper and zinc in water samples exceeded the water quality numeric criteria found in R-61-68. The value for nickel in water also appears to have exceeded the water quality numeric criteria for criterion continuous concentration. Unfortunately, there were no water samples analyzed for lead. Another noteworthy observation is the pH reading taken on 8/4/1999 which was recorded as 2.49. This pH is stronger than acetic acid and would likely be acutely toxic to aquatic life. The biological assessment performed for this station was conducted on 8/22/2000, and it would seem that the assessment could have been influenced by both elevated metals and low pH.”

“Thus the City of Greer respectfully requests that the Water Quality Section re-evaluate the basis for the [B-192] 303(d) listing.

**Response 3:**

SC currently does not have standards for sediments and therefore does not evaluate sediment data for the purposes of 303(d) list development.

Data collected from 2004-2008 were assessed for development of the 2010 draft 303(d) list. However, there were some sites carried over to the current listing cycle from the 2008 303(d) list because there were no additional data available to evaluate for the current listing cycle. Based on the 303(d) assessment of available physical and chemical data from the 2004-2008 time frame, B-192 is not considered impaired for Copper, Ni, pH or Zinc. Based on the most recent BIO (instream macroinvertebrate survey) conducted by the Department, B-192 is impaired for BIO and subsequently included on the draft 2010 303(d) list.



## **Comments from Private Citizen (Mr. Don Rowe)**

### **Comment 1:**

“ Fishing Creek Reservoir 75 Ft. Ab Dam Nr Great Falls. Under Causes--what does NH<sub>3</sub>N mean? This was not listed on your chart of chemicals. Also PH was not listed.”

### **Response 1:**

NH<sub>3</sub>-N (ammonia-nitrogen) and Pb (lead) cause abbreviations were not included in the draft 2010 list assessment methodology. The Department made those amendments before forwarding to USEPA for final approval.

pH was included as an abbreviation in the draft 2010 list assessment methodology but not defined. According to Webster's Dictionary, pH is “A symbol for the degree of acidity or alkalinity of a solution. is expressed as a negative logarithm of the hydrogen ion concentration in a solution,  $\text{pH} = -\log_{10}[\text{H}^+]$ . If the hydrogen ion concentration of a solution increases, the pH will decrease, and vice versa. The value for pure distilled water is regarded as neutral, pH values from 0 to 7 indicate acidity, and from 7 to 14 indicate alkalinity.”

## Comments from Savannah River Site

### Comment 1:

““Savannah River Nuclear Solutions, LLC (SRNS) believes it is critical that DHEC follow the provisions of the Administrative Procedures Act and allow the regulated community to comment on the methodology by promulgating it within SCDHEC regulations.”

### Response 1:

Sections 303(d) and 305(b) of the CWA, in accordance with 40 CFR 130.7, require all states and U.S. territories to provide an assessment of the quality of their waters on April 1<sup>st</sup> of every even-numbered year (biennially). The Department has submitted a 303(d) list of impaired waters and 305(b) water quality report for all assessed waters to EPA Region 4 for approval every even-numbered year since initially required by the EPA. During each listing cycle, the public has been invited to comment on the EPA-approved assessment methodology and the 303(d) list. The public was provided opportunity to comment on the EPA-approved assessment methodology during the advertised public comment period for the draft 2010 303(d) list.

Section 303(d) of the Clean Water Act also establishes the principle of the total maximum daily load (TMDL) as a means of reducing water pollution in impaired waters. In 2005, R. 61-110 was promulgated through the South Carolina State Legislature. This regulation outlines the administrative process for public notice, notice of proposed decision and the appeal process for all TMDLs. In effect, the regulation describes the public participation process during TMDL development and finalization.

The Department understands the implications on the regulated community for implementation of TMDL WLAs through NPDES permits. The Department will continue to involve all interested parties and affected stakeholders throughout the TMDL development and implementation process. However, a request that the Department promulgate the 303(d) List “within SCDHEC regulations” would have the effect of adding a great deal of additional time to the process. The Administrative Procedures Act (APA) lays out steps that State Agencies must follow when promulgating regulations. Aside from the requirements for agency board review and publication in the South Carolina State Register, the APA requires regulations to be approved by the South Carolina General Assembly. The latter process alone takes about six months on average and sometimes longer. In addition, the General Assembly is only in session from January to June so the Department would have to coordinate submittal of the 303d List to correspond with that time-frame. Since the 303(d) List is required by the CWA to be compiled by April 1 of every even-numbered year, the requirement for APA approval would most certainly prohibit the Department from meeting requirements of the CWA and 40 CFR 130.7.

SC Regulation 61-110 is in place to guide the public participation aspects of TMDL development.

### Comment 2:

“According to the South Carolina’s Draft 2010 303(d) List of Priority by 12-Digit HUC, Fourmile Branch at SRP Road A-7 is impaired for recreational use based on fecal coliform results. The recreation use classification should be reconsidered from a practical base to determine if this is an appropriate use for this waterbody. Fourmile Branch is located in its entirety on the Savannah River Site (SRS), which is a Department of Energy facility and there is limited controlled access to SRS. Fourmile Branch has no access by the general public for recreational purposes and limited access by SRS personnel, who do environmental sampling. The appropriate use designation for this stream would be an aquatic life use.

In addition with regard to the fecal coliform listing, these 303(d) List results have to be a naturally occurring phenomenon. Fourmile Branch at Road A-7 on SRS is below the Central Sanitary Plant, which is a sanitary treatment facility. The listing of this stream reach for fecal coliform does not match the results on the DMRs for the NPDES outfall, G-10, which is the outfall for the sanitary treatment facility. From 2002 through 2010, there has been only one daily maximum excursion in July 2008 for fecal coliform above the water quality standards at the wastewater treatment facility. Therefore, there is no anthropogenic source of fecal coliform for the data reported on the 303(d). In addition since this is government facility there is no agricultural input from domesticated animals into the stream. Thus the fecal coliform results have to be from a collection or laboratory error or from fecal material from wildlife in the vicinity of the stream. SRS recommends that Fourmile Branch be removed from this list for fecal coliform, because no realistic impairment is evident and it is the result of a naturally occurring phenomenon. SRS recommends that Fourmile Branch be removed from this list for fecal coliform, because no realistic impairment is evident and it is the result of a naturally occurring phenomenon.”

“According to the South Carolina’s Draft 2010 303(d) List of Priority by 12-Digit HUC, Lower Three Runs Creek (LTR) is impaired for aquatic life use due to copper. This creek is located in its entirety on SRS. There are no NPDES outfalls that discharge into Par Pond, a reservoir on the headwaters of LTR, or that discharge below the reservoir into the creek. Therefore, the copper must be naturally occurring. Based on the statement on page two of the draft 303(d) list ‘...waterbodies with standards excursions attributable solely to natural conditions are not included on South Carolina’s 303(d) list’, LTR should be removed from the list.”

#### **Response 2:**

The Department works to protect all waters of the State and ensure high quality drinkable, fishable, swimmable waters throughout. In accordance with R.61-68, the Department evaluates against criteria to protect aquatic life and human health in all waters of the State. Data collected from 2004-2008 were assessed for development of the 2010 draft 303(d) list. However, there were some sites carried over to the current listing cycle from the 2008 303(d) list because there were no additional data available to evaluate for the current listing cycle. Based on the available data from the 2004-2008 time frame, Fourmile Branch (SV-326) is being included on the draft 2010 303(d) list for FC bacteria..

The following stated in the advertised methodology for the draft 2010 303(d) list: “Additionally, as stated in Appendix F, certain state waters, such as blackwater systems in the Sandhills and Coastal Plain are frequently characterized by naturally low pH and DO concentrations, as are many tidally influenced systems along the coast. The Department used biological community data as a factor in determining whether pH and DO excursions represent natural conditions. On a case-by-case basis, departmental staff also considered other factors such as land use, and critical hydrology in assessing use attainment at individual locations where natural conditions were potentially involved. The Department does not believe that it is appropriate to develop TMDLs for these sites, per Regulation 61-68 Section C. 9.” Based on the above described, the Department has used an weight of evidence approach to only evaluate stations with low DO and/or low pH in blackwater systems for consideration of natural conditions.

#### **Comment 3:**

“According to the South Carolina’s Draft 2010 303(d) List of Priority by 12-Digit HUC, Lower Three Runs Creek (LTR) is impaired for aquatic life use due to copper. This creek is located in its entirety on SRS. There are no NPDES outfalls that discharge into Par Pond, a reservoir on the headwaters of LTR, or that discharge below the reservoir into the creek. Therefore, the copper must be naturally occurring. Based on the statement on page two of the draft 303(d) list

‘...waterbodies with standards excursions attributable solely to natural conditions are not included on South Carolina’s 303(d) list’, LTR should be removed from the list.”

**Response 3:**

Based on the available data from the 2004-2008 time frame, Lower Three Runs (SV-326) is being included on the draft 2010 303(d) list for Cu.

The following stated in the advertised methodology for the draft 2010 303(d) list: “Additionally, as stated in Appendix F, certain state waters, such as blackwater systems in the Sandhills and Coastal Plain are frequently characterized by naturally low pH and DO concentrations, as are many tidally influenced systems along the coast. The Department used biological community data as a factor in determining whether pH and DO excursions represent natural conditions. On a case-by-case basis, departmental staff also considered other factors such as land use, and critical hydrology in assessing use attainment at individual locations where natural conditions were potentially involved. The Department does not believe that it is appropriate to develop TMDLs for these sites, per Regulation 61-68 Section C. 9.” Based on the above described, the Department has used an weight of evidence approach to only evaluate stations with low DO and/or low pH in blackwater systems.

**SCDOT Comments and Responses**

**Comment 1:**

“Impaired Stations vs. Impaired Waterbodies. The draft 2010 303(d) list identifies impaired stations rather than entire waterbodies. Prior to assuming that a waterbody is impaired for a given pollutant between stations, more investigation must be done. Existing monitoring programs are not adequate to determine the extent of the impairments. The extent of waters designated as impaired based on single sampling points is too large and not technically justified.”

**Response 1:**

The draft 2010 303(d) list identifies impaired stations and not entire waterbodies because the Department recognizes that the extent of impairment is unknown and varies by pollutant type. This approach is consistent with that of previously approved listing cycles and has concurrence by the USEPA.

**Comment 2:**

“Inclusion of Non-DHEC Data. Public notice should have been provided by August 1 of each odd numbered year soliciting data for inclusion in the process. Specific notice should have been provided to SCDOT and all other MS4s soliciting data for inclusion in the process.”

“Under the section “Sources of Data...” the Department mentions a standing solicitation and written solicitation sent to certain “(e.g. research universities, power utilities, other state and federal resource agencies)...”. This list should have included all permitted MS4’s in the state”

**Response 2:**

In accordance with the Clean Water Act (CWA) and 40 CFR 130.7, the Department maintains a standing solicitation for outside data to be considered during 303(d) list development. The solicitation, as well as the criteria for acceptance of outside data, can be found at the following website: <http://www.scdhec.gov/environment/water/tmdl/#2>. In addition, an active solicitation for outside data was sent out via e-mail to electrical utilities, academic institutions, other state and federal agencies on June 9, 2009.

Both solicitations state: “All non-DHEC data are accepted for consideration at any time during the listing cycle; however, only data submitted before September 1 of each odd-numbered year will be considered for the following year’s 303(d) list (for example, data for the 2010 list must be submitted by September 1, 2009).” At the request of the commentator, the Department will also e-mail the active solicitation to regulated MS4 entities during future listing cycles.

**Comment 3:**

“Non-DHEC Data. Provide a list of impaired waters where non-DHEC data was used as part of the impaired listing determination and show the source(s) of that data.”

**Response 3:**

The only non-DHEC data assessed for development of the draft 2010 303(d) list were collected and/or analyzed by Santee Cooper (South Carolina Public Service Authority; Monck’s Corner, SC). The following is a list of all stations/pollutants included on the draft 2010 303(d) list where data were collected and/or analyzed by Santee Cooper:

BASIN8	HUC	LOCATION	STATION	COUNTY	USE	CAUSE
SANTEE	030501110101	WARLEY CREEK AT HWY. 267 BRIDGE	SC-006	CALHOUN	AL	TN
SANTEE	030501110102	SPRING GROVE CREEK @ SECONDARY ROAD 26 BRIDGE	SC-009	CLARENDON	AL	TN
SANTEE	030501110102	SPRING GROVE CREEK @ SECONDARY ROAD 26 BRIDGE	SC-009	CLARENDON	REC	FC
SANTEE	030501110104	LAKE MARION SANTEE RIVER ARM 6 MI NE OF ELLOREE	RL-06422	CALHOUN	AL	TP
SANTEE	030501110104	UPPER LAKE MARION @ THE MOUTH OF HALFWAY SWAMP CREEK	SC-038	CALHOUN	AL	TP
SANTEE	030501110105	BIG POPLAR CREEK @ SECONDARY ROAD 105 BRIDGE	SC-011	CALHOUN	AL	DO, TN
SANTEE	030501110106	LK MARION @ JACK'S CK EMBAYMENT; USE SANTEE COOPER SC-012	RL-02306	CLARENDON	AL	TP
SANTEE	030501110107	MID LAKE MARION @ TAW CAW CREEK EMBAYMENT	SC-017	CLARENDON	AL	TP
SANTEE	030501110107	MID LAKE MARION @ THE MOUTH OF TAW CAW CREEK	SC-036	CLARENDON	AL	TP
SANTEE	030501110108	LAKE MARION 1.10 M SSE OF SANTEE NAT. WILDLIFE REFUGE AND 1MI S OF EAGLE POINT (SC-035)	RL-01011	CLARENDON	AL	TP
SANTEE	030501110108	LK MARION, WYBOO CREEK ARM DS OF CLUBHOUSE BR (SC-023A)	ST-036	CLARENDON	AL	PH
SANTEE	030501110109	LK MARION @ CHANNEL MARKER 69; USE SANTEE COOPER SC-016	RL-02308	CLARENDON	AL	TP
SANTEE	030501110109	LAKE MARION 0.5 MI NE OF CALHOUN LANDING (USE SC-044)	RL-04388	CALHOUN	AL	TP
SANTEE	030501110109	UPPER LAKE MARION NEAR PACK'S LANDING	SC-005	SUMTER	AL	DO, TP
SANTEE	030501110109	LAKE MARION AT RR TRESTLE AT LONE STAR (SC-008)	SC-008	CALHOUN	AL	TP
SANTEE	030501110109	UPPER LAKE MARION AT CHANNEL MARKER 150	SC-010	CALHOUN	AL	TP
SANTEE	030501110109	UPPER LAKE MARION @ HEADWATERS OF CHAPEL BRANCH CREEK	SC-014	ORANGEBURG	AL	PH, TP
SANTEE	030501110109	UPPER LAKE MARION 2.0 KM BELOW RIMINI RAILROAD TRESTLE	SC-039	CLARENDON	AL	TP
SANTEE	030501110109	MID LAKE MARION @ CHANNEL MARKER 79	SC-040	ORANGEBURG	AL	TP
SANTEE	030501110109	MID LAKE MARION 3.2 KM NORTH OF CHANNEL MARKER 79	SC-041	CLARENDON	AL	TP
SANTEE	030501110109	MID LAKE MARION @ NORTH END OF I-95 / U.S. 301 BRIDGES	SC-042	CLARENDON	AL	TP
SANTEE	030501110109	SURFACE DRAINAGE FROM SAFETY KLEEN HAZARDOUS LANDFILL	SC-056	SUMTER	AL	NI, TN
SANTEE	030501110109	STREAM ORIGINATING UPSTRM OF SAFETY KLEEN HAZARDOUS LANDFILL	SC-058	SUMTER	AL	NI
SANTEE	030501110109	LK MARION AT OLD US 301/15 BRDG AT SANTEE (SC-015)	ST-025	ORANGEBURG	AL	ZN
SANTEE	030501110109	LAKE MARION AT RR TRESTLE AT LONE STAR (SC-008)	ST-034	CALHOUN	AL	TP
SANTEE	030502010101	DIVERSION CANAL AT SC 45 12.6 MI W OF ST STEPHENS (SC-025)	CSTL-079	BERKELEY	FISH	HG
SANTEE	030502010101	LAKE MOULTRIE SW IN OPEN WATER	RL-02454	BERKELEY	AL	NH3N
SANTEE	030502010101	TRIBUTARY 0.6 KM UPSTR OF SC HWY. 6 NEAR CROSS HS	SC-026	BERKELEY	REC	FC
SANTEE	030502010101	TRIBUTARY FLOWING TO LAKE MOULTRIE FROM CROSS GENER. STATION	SC-043	BERKELEY	AL	CU
SANTEE	030502010101	TRIBUTARY FLOWING TO LAKE MOULTRIE FROM CROSS GENER. STATION	SC-043	BERKELEY	REC	FC
SANTEE	030502010701	TAIL RACE CANAL AT US 52 & 17A BELOW LAKE MOULTRIE (SC-033)	CSTL-062	BERKELEY	FISH	HG

**Comment 4:**

“Non-DHEC Data. Provide a list of waterbodies where non-DHEC data was included for delisting waterbodies and show the source(s) of that data.”

**Response 4:**

The only non-DHEC data assessed for development of the draft 2010 303(d) list were collected and/or analyzed by Santee Cooper. The following is a list of all stations/pollutants delisted and included in Appendix A (delisted due to standard attainment) where data were collected and/or analyzed by Santee Cooper:

BASIN8	HUC	LOCATION	STATION	COUNTY	USE	CAUSE	DELISTING REASON
SANTEE	030501110109	LAKE MARION FOREBAY, SPILLWAY MARKER 44 (SC-022)	CL-042	ORANGE BURG	AL	CU	STANDARD ATTAINED
SANTEE	030501110109	STREAM FLOWING THRU SANTEE NATIONAL GOLF COURSE POND @ HWY 6	SC-045	ORANGE BURG	REC	FC	STANDARD ATTAINED
SANTEE	030501110109	SURFACE DRAINAGE FROM SAFETY KLEEN HAZARDOUS LANDFILL	SC-057	SUMTER	AL	NI	STANDARD ATTAINED
SANTEE	030501110109	LK MARION AT OLD US 301/15 BRDG AT SANTEE (SC-015)	ST-025	ORANGE BURG	AL	TP	STANDARD ATTAINED

**Comment 5:**

“Methodology for Delisting. Under the section “Methodology for Delisting.....” the second paragraph lists three criteria for delisting waterbodies. Provide and list of the waterbodies meeting criteria for each of the 3 items.”

**Response 5:**

Based on the Federal and State regulations and the assessment methodology developed and approved in conjunction with USEPA Region 4, the following are the three ways demonstrate ‘good cause’ to delist a site/impairment from a 303(d) list:

- SC water quality standard has been attained.
- A TMDL has been developed and approved. Please note that a developed and approved TMDL may not mean that the site/station has attained SC water quality standards.
- A listing error has been identified.

Appendix A and Appendix B of the draft 2010 303(d) list include all sites removed from the 2008 303(d) list due to one of the three criteria for delisting.

**Comment 6:**

“Methodology for Listing. Under the section “Methodology for Listing....” in the third paragraph, provide a list of waterbodies with excursions attributed solely to natural conditions.”

**Response 6:**

The following is subsequently stated in the advertised methodology for the draft 2010 303(d) list: “Additionally, as stated in Appendix F, certain state waters, such as blackwater systems in the Sandhills and Coastal Plain are frequently characterized by naturally low pH and DO

concentrations, as are many tidally influenced systems along the coast. The Department used biological community data as a factor in determining whether pH and DO excursions represent natural conditions. On a case-by-case basis, departmental staff also considered other factors such as land use, and critical hydrology in assessing use attainment at individual locations where natural conditions were potentially involved. The Department does not believe that it is appropriate to develop TMDLs for these sites, per Regulation 61-68 Section C. 9.” Based on the above described, the Department has used an weight of evidence approach to only evaluate stations with low DO and/or low pH in blackwater systems for natural conditions determinations.

An example of this approach and subsequent “natural conditions” determination is illustrated by the following: For Site PD-251, Black Creek at US 1, Chesterfield County, SC: Station PD-251 is located in the Pee Dee River Basin, a “blackwater” system located in the Southeastern Plains (sandhills) region of South Carolina. Specifically, PD-251 is located within the Black Creek/Lake Robinson Watershed. This watershed is predominantly forested and herbaceous grassland. A blackwater system is characterized by naturally low pH and dissolved oxygen (DO). This particular segment of Black Creek has a site specific pH standard of between 5 and 8.5. pH sampling results at PD-251 for the 2010 assessment show that there were 25 exceedances of the pH standard out of 59 samples taken (42.3%); the average pH excursion was 4.53. These excursions were typical of values seen in black water systems and considered natural, not standards violations. Therefore, this site has been considered to have naturally low pH in previous assessments. Upstream landuse is predominantly forested and rural. Aerial photographs and landuse data indicate a continuous forested buffer well upstream on both sides of the bank. There are no urbanized areas, NPDES dischargers, permitted mines or permitted animal feeding operations for at least 10 river miles upstream in this watershed. In fact, most of the watershed upstream of this site is located within the Carolina Sandhills National Wildlife Refuge. It was thus determined that the low pH was a natural condition of this aquatic system.

**Comment 7:**

“Sources of Data. Under “Sources of Data...” in “DHEC: Environmental Quality Control” DHEC states that only half of the total number of sites monitored (2300 total sampling points) were used in the 303(d) list. Provide the references of these sources that were considered and used in development of the 303(d) list and an explanation of why the other approximately 1200 sampling points were excluded.”

**Response 7:**

Data collected between 2004-2008 (five years total) by SCDHEC and Santee Cooper were used in assessment for the draft 2010 303(d) list. Other data considered in the assessment were provided by the Center of Biological Diversity (San Francisco, California). The only subsequent listings were based upon assessment of Santee Cooper and SCDHEC data. This represents approximately 2337 sites assessed for 2010 (2271 SCDHEC + 66 Santee Cooper), including sites rolled over from the 2008 303(d) list where no additional data had been collected during the 2004-2008 time-frame.

**Comment 8:**

“Sources of Data. Under the section “Sources.....” in the next to last paragraph DHEC states, “All data and information used were readily accessible and met the Department's criteria for quality assurance”. How was the quality assurance performed and by whom? Please provide this QA/QC documentation. Will the same data be used to develop the TMDLs for each waterbody? If not, please explain.”

**Response 8:**

All data collected by the Department are collected in accordance with the South Carolina Water Quality Monitoring Strategy (the monitoring strategy is a SCDHEC-approved QAPP) and the Department Quality Management Plan (QMP). Data collected at these sites will be used for future TMDL development.

An electronic copy of the State of South Carolina Water Quality Monitoring Strategy approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/water/docs/strategy.pdf>

Note that the monitoring strategy is a SCDHEC-approved QAPP.

An electronic copy of the QMP developed by the Department and approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/envserv/docs/QMPJuly2008.pdf>

**Comment 9:**

“QAMP. Provide, in an appendix, the QAMP as updated for the 2010 303(d) list determination.”

**Response 9:**

An electronic copy of the State of South Carolina Water Quality Monitoring Strategy approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/water/docs/strategy.pdf>

An electronic copy of the QMP developed by the Department and approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/envserv/docs/QMPJuly2008.pdf>

**Comment 10:**

“Fecal as an Indicator. Under the section “Recreational Use Support” DHEC is using an incorrect indicator for analysis of the swimmable goal. Since 1986, USEPA guidance has directed DHEC to change from Fecal counts as the indicator of sewage contamination to E-coli as a more accurate indicator of the impairment. We recommend and request that DHEC suspend listing any waterbodies for Fecal impairment and resume listing only when the E-coli indicator is adopted and developed as the correct parameter.”

**Response 10:**

Per SC Regulation 61-68, the existing recreational standard for fecal coliform reads: “Not to exceed a geometric mean of 200/100 ml, based on five consecutive samples during any 30 day period; nor shall more than 10% of total samples during any 30 day period exceed 400/100 ml.” Because this is an existing water quality standard, ambient FC bacteria data collected by the Department during the 2004-2008 time-frame were assessed against the appropriate criterion for this parameter. Because the Department does not collect sufficient data for assessment against the geometric mean component of standard, the instantaneous component of the standard (400/100 ml) was targeted for assessment purposes. Section 303(d) of the Clean Water Act (CWA) requires the Department to include sites on the 303(d) list that are not meeting the water quality standard for the pollutant of concern.

The Department currently does not have an approved recreational water quality standard for E. coli; therefore, no E. coli data were assessed during development of the draft 2010 303(d) list.



**Comment 11:**

“Fish and Shellfish Consumption. Under the section “Fish and Shellfish Consumption” the determination of shellfish consumption use support is based on monitoring performed by the Department of Natural Resources (DNR). Include in the document a verification statement that DNR is utilizing sampling/reporting techniques in accordance with the approved QAMP.”

**Response 11:**

Under the section “Fish and Shellfish Consumption”, the draft 2010 list assessment methodology does *not* indicate that determination of shellfish consumption use support is based on monitoring performed by the Department of Natural Resources (DNR). Instead, SCDHEC collects and evaluates all data collected for the purposes of issuing fish consumption advisories, developing shellfish sanitation reports and subsequent development of the 303(d) list. All data collected by the Department are collected in accordance with the South Carolina Water Quality Monitoring Strategy (the monitoring strategy is a SCDHEC-approved QAPP) and the Department Quality Management Plan (QMP).

An electronic copy of the State of South Carolina Water Quality Monitoring Strategy approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/water/docs/strategy.pdf>

Note that the monitoring strategy is a SCDHEC-approved QAPP.

An electronic copy of the QMP developed by the Department and approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/envserv/docs/QMPJuly2008.pdf>

**Comment 12:**

“Fish and Shellfish Consumption. Under the section “Fish and Shellfish Consumption” include a description of the methodology utilized to ensure QAMP compliance of the referenced shellfish sanitation report data.”

**Response 12:**

All SCDHEC data were collected in accordance with a Quality Management Plan (QMP) developed by the Department and approved by the USEPA.

An electronic copy of the QMP developed by the Department and approved by the USEPA can be found at the following link:

<http://www.scdhec.gov/environment/envserv/docs/QMPJuly2008.pdf>

**Comment 13:**

“Geometric Mean Criteria. DHEC indicates that its monitoring program is by and large inadequate to evaluate the geometric mean criteria. Prior to listing any waterbodies impaired for bacteria DHEC must adjust and improve its monitoring program to allow evaluation of the geometric mean criteria.”

**Response 13:**

Per SC Regulation 61-68, the existing recreational standard for FC bacteria reads: “Not to exceed a geometric mean of 200/100 ml, based on five consecutive samples during any 30 day period; nor shall more than 10% of total samples during any 30 day period exceed 400/100 ml.” Because this is an existing water quality standard, ambient FC bacteria data collected by the Department during the 2004-2008 time-frame were assessed against the appropriate criterion for this parameter. Because the Department does not collect sufficient data for assessment against the geometric mean component of standard, the instantaneous component of the standard (400/100 ml) was targeted for assessment purposes. Section 303(d) of the Clean Water Act requires the Department to include sites on the 303(d) list that are not meeting the water quality standard for the pollutant of concern.

**Comment 14:**

“Regulatory Process. Under the section “TMDL Development...” and associated reference documents, the TMDL’s are treated as regulatory mechanisms without being considered a direct regulation. This slight of hand attempts to avoid the requirements of the Administrative Procedures Act for rule development. Since the 303(d) listings are treated as regulatory instruments, they are subject to regulatory approvals through the legislative process. Include a section in the 303(d) list update under the “TMDL Implementation” section explaining how DHEC will properly comply with the APA requirements.”

**Response 14:**

Sections 303(d) and 305(b) of the CWA, in accordance with 40 CFR 130.7, require all states and U.S. territories to provide an assessment of the quality of their waters on April 1<sup>st</sup> of every even-numbered year (biennially). The Department has submitted a 303(d) list of impaired waters and 305(b) water quality report for all assessed waters to EPA Region 4 for approval every even-numbered year since initially required by the EPA. During each listing cycle, the public has been invited to comment on the EPA-approved assessment methodology and the 303(d) list. The public was provided opportunity to comment of the EPA-approved assessment methodology during the advertised public comment period for the draft 2010 303(d) list.

Section 303(d) of the Clean Water Act also establishes the principle of the total maximum daily load (TMDL) as a means of reducing water pollution in impaired waters. In 2005, R. 61-110 was promulgated through the South Carolina State Legislature. This regulation outlines the administrative process for public notice, notice of proposed decision and the appeal process for all TMDLs. In effect, the regulation describes the public participation process during TMDL development and finalization.

The Department understands the implications on the regulated community for implementation of TMDL WLAs through NPDES permits. The Department will continue to involve all interested parties and affected stakeholders throughout the TMDL development and implementation process. However, a request that the Department promulgate the 303(d) List “within SCDHEC regulations” would have the effect of adding a great deal of additional time to the process. The Administrative Procedures Act (APA) lays out steps that State Agencies must follow when promulgating regulations. Aside from the requirements for agency board review and publication in the South Carolina State Register, the APA requires regulations to be approved by the South Carolina General Assembly. The latter process alone takes about six months on average and sometimes longer. In addition, the General Assembly is only in session from January to June so the Department would have to coordinate submittal of the 303d List to correspond with that time-frame. Since the 303(d) List is required by the CWA to be compiled by April 1 of every even-

numbered year, the requirement for APA approval would most certainly prohibit the Department from meeting requirements of the CWA and 40 CFR 130.7.

SC Regulation 61-110 is in place to guide the public participation aspects of TMDL development.

**Comment 15:**

“Unfunded Implementation. Under the section “TMDL Implementation...” add language to clarify that DHEC has decided not to provide funding assistance for those who are subject to NPDES permit requirements to implement TMDL’s. The current language is not clear and gives an incorrect impression that funding assistance is available for implementation where NPDES permits are required.”

**Response 15:**

Under the TMDL Implementation Section of the draft 2010 303(d) list assessment methodology, the following clarifications were included: “The DHEC §319 Grant Program has initiated a process for implementation of the nonpoint source (load allocation or LA) component of approved TMDLs. Areas covered under an NPDES permit, including all continuous and non-continuous discharges, are subject to the wasteload allocation (WLA) component of approved TMDLs and are not eligible for DHEC §319 Grant funding.”

**Comment 16:**

“Impaired Stations vs. Impaired Waterbodies. Under the section “List of Impaired.....” DHEC states that individual points are listed as impaired and an assumption is made to extend that impaired status upstream and downstream of the point listed. We believe that the real extent of waters listed as impaired based on single sampling points is too large and not technically justified. Please provide your basis listing the entire HUC waterbodies based one or two sampling points.”

**Response 16:**

Entire 12-digit HUCs were not identified as impaired on the draft 2010 303(d) list. Instead, the list identifies impaired stations because the Department recognizes that the extent of impairment is unknown and varies by pollutant type. This approach is consistent with that of previously approved listing cycles and has concurrence by the USEPA.

**Comment 17:**

“We believe it is necessary to first determine the extent of the impairment prior to listing on the 303(d) list and then development of the 303(d) list as a regulation. This is due to DHEC’s approach to implementation of TMDLs and antidegradation policies, which rely on the extent of the impairment given in the 303(d) point list.”

**Response 17:**

The Federal Clean Water Act (CWA) 303(d) and 305(b), in accordance with 40 CFR Part 130, require all states and U.S. territories to provide an assessment of the quality of their waters on April 1<sup>st</sup> of every even-numbered year (biennially). The Department has submitted a 303(d) list of impaired waters and 305(b) water quality report for all assessed waters to EPA Region 4 for approval every even-numbered year since initially required by the EPA. The Department believes is meeting the requirements of Section 303(d) of the CWA and in accordance with 40 CFR 130.7 by submitting a list of impaired stations to the USEPA. The Department believes the

extent of impairment is unknown and varies by pollutant type. This approach is consistent with that of previously approved listing cycles and has concurrence by the USEPA.

## Comments from Upstate Forever

### Comment 1:

“On page 9, under the heading "Cause," pollutants are listed and denotations explained. However, in the list of impaired waters beginning on page 10, there are three cause abbreviations that are not included in this list:

- FCB- Fecal Coliform Bacteria
- NH3N- Ammonia Nitrogen
- PB- lead

If these abbreviations are to be used in the list, they should be included in the description of causes on page 9.”

“Additionally, why are there two ways of denoting Fecal Coliform (FB andFCB)? If there is a distinction between the two, it should be made clear in the cause descriptions on page 9.”

### Response 1:

NH3-N (ammonia-nitrogen) and Pb (lead) cause abbreviations were not included in the draft 2010 list assessment methodology. The Department made those amendments before forwarding to USEPA for final approval.

The draft 2010 list denoted FCB for shellfish FC bacteria to more easily build database queries for assessment purposes. All FCB abbreviations were changed to FC before the list was forwarded to USEPA for final approval.

### Errors in Listing for Draft 2010 303(d) List:

The Following sites/pollutants were listed in error and removed from the draft 2010 303(d) List after public notice. No comments regarding these sites were received from the public during the advertised public comment period February 8, 2010-March 10, 2010. Because the sites were *not* included on the 2008 303(d) List and were *not* delisted for the 2010 303(d) listing cycle, the referenced locations were *not* included in Appendix A of this document.

BASIN8	HUC-12	COUNTY	STATION	LOCATION	USE	CAUSE
BROAD	030501051004	CHEROKEE	RS-08252	GOUCHER CREEK AT SC 150	AL	BIO
BROAD	030501051502	SPARTANBURG	RS-07056	UNNAMED TRIB TO THE PACOLET RIVER AT S-42-187 6 MI WSW OF CHESNEE	AL	BIO
BROAD	030501060302	UNION	B-155	BROWNS CK AT S-44-86, 8 MI E OF UNION	AL	BIO
BROAD	030501060302	UNION	RS-07217	LITTLE BROWNS CK AT S-44-57 6 MI NE OF UNION	AL	BIO
BROAD	030501080104	SPARTANBURG	RS-07220	DILLARD CK AT WESTMORELAND RD 2.2 MI SSE OF GREENVILLE-SPARTANBURG AIRPORT	AL	BIO
CATAWBA	030501011504	YORK	CW-696	BEAVER DAM CRK. AT SR 114	AL	BIO
CATAWBA	030501011506	YORK	CW-694	BIG ALLISON CRK. AT SR 114	AL	BIO
CATAWBA	030501011507	YORK	CW-709	LITTLE ALLISON CREEK @ SC 274	AL	BIO
CATAWBA	030501030402	YORK	RS-07208	LANGHAM BRANCH AT BENFIELD RD BETWEEN SC 324 AND S-46-1172 4.2 MI SE OF YORK	AL	BIO
CATAWBA	030501030408	CHESTER	CW-234	TINKERS CK AT S-12-599	AL	BIO
CATAWBA	030501030502	CHESTER	CW-002	ROCKY CK AT S-12-335 3.5 MI E OF CHESTER	AL	BIO
CATAWBA	030501030503	CHESTER	CW-708	BEAVERDAM CREEK @ SR 198	AL	BIO
CATAWBA	030501030504	CHESTER	CW-067	LITTLE ROCKY CR. AT SR 144	AL	BIO
CATAWBA	030501040108	FAIRFIELD	CW-692	DUTCHMAN CRK. SR 21	AL	BIO
CATAWBA	030501040109	KERSHAW	CW-076	BEAVER CRK. AT SR 13	AL	BIO
CATAWBA	030501040109	LANCASTER	RS-07059	TRANHAM CREEK AT S-29-763 6.5 MI WSW OF KERSHAW (THE BRIDGE HAS A SIGN LABLING THE CK AS BEAVER CK)	AL	BIO
CATAWBA	030501040202	KERSHAW	CW-078	GRANNIES QUARTER CR. AT SR 58	AL	BIO
CATAWBA	030501040203	FAIRFIELD	CW-228	SAWNEYS CK AT S-20-151	AL	BIO
EDISTO	030502050108	ORANGEBURG	RS-07213	MILL BRANCH AT S-38-36 BETWEEN I-26 AND S-38-492 WILL HAVE TO SAMPLE FROM THE DOWNSTREAM BANK.	AL	BIO
EDISTO	030502060101	ORANGEBURG	RS-07206	STALEY BRANCH AT S-38-117 1 MI SSW OF ROWESVILLE	AL	BIO
PEEDEE	030402020103	LANCASTER	PD-180	S BR WILDCAT CK AT S-29-39 2 MI S OF TRADESVILLE	AL	BIO
PEEDEE	030402020703	FLORENCE	PD-631	TRIB TO BIG SWP. AT SR 164	AL	BIO
PEEDEE	030402031404	HORRY	PD-038	LUMBER RIVER @ RICEFIELD COVE	AL	BIO
PEEDEE	030402050709	WILLIAMSBURG	PD-629	OX SWAMP AT US 521	AL	BIO
PEEDEE	030402050802	WILLIAMSBURG	PD-705	PAISLEY SWAMP @ SC 512	AL	BIO
PEEDEE	030402060704	HORRY	MD-124	WACCAMAW RVR AT SC 9 7.0 MI W OF CHERRY GROVE	AL	BIO
PEEDEE	030402060802	HORRY	PD-706	KINGSTON LAKE SWAMP @ SR 911	AL	BIO
PEEDEE	030402060802	HORRY	PD-707	WHITE OAK SWAMP @ FLAT TOP RD.	AL	BIO
SALUDA	030501090602	GREENVILLE	S-986	MARTIN CREEK@ CRAIGO RD	AL	BIO
SALUDA	030501090602	GREENVILLE	S-987	WARSHOALS EAST # 1 @ DAIRY RD (SR 347)	AL	BIO
SALUDA	030501090702	GREENWOOD	RS-07046	WILSON CK AT S-24-397 1 MI NE OF NINETY SIX	AL	BIO
SALUDA	030501090804	ABBEVILLE	S-989	GIBSON CREEK@ BOLT RD	AL	BIO
SANTEE	030501110106	CLARENDON	ST-017	JACKS CREEK @ SR 26 (MAC-10)	AL	BIO
SAVANNAH	030601030603	ABBEVILLE	RS-07222	JOHNS CK AT S-01-616.7 MI ENE OF ABBEVILLE	AL	BIO

### Other Amendments to Draft 2010 303(d) List Assessment Methodology:

#### Page 3, 4: Sources of Data and Information and Their Use

The following language was added to Page 4 of the referenced section in order to elaborate upon requirements of data used during development of the draft 2010 303(d) list.

“In order for the Department to use any non-DHEC data in development of the 303(d) list, submittal of the data should be accompanied with an approved QAPP (See Appendix D for greater detail). This protocol was following during development of the 2010 §303(d) list.”