



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW
ATLANTA, GEORGIA 30303-3104

December 23, 2020

Dr. Mike Marcus
Chief
Bureau of Water
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Dear Dr. Marcus:

The U.S. Environmental Protection Agency Region 4, has completed its review of the South Carolina Department of Health and Environmental Control's Final 2018 Clean Water Act section 303(d) List of water quality limited segments. The EPA has determined that each of the water quality limited segments still requiring Total Maximum Daily Loads identified on the State's List, meets the requirements of the Clean Water Act section 303(d) and its implementing regulations at 40 C.F.R. section 130.7. The EPA hereby approves South Carolina's decision to include each of the waters designated by the State in its 2018 303(d) List. Enclosed for your information is the accompanying decision document for this approval action.

If you have questions concerning this matter, please feel free to contact me at (404) 562-9345 or Ms. Gracy R. Danois, Chief, Monitoring, Assessment, Listing, and TMDL Section at (404) 562-9119.

Sincerely,

Jeaneanne M. Gettle, Director
Water Division

Enclosure

The EPA Decision Document

cc: Mr. Wade Cantrell
303(d), Modeling and TMDL

The State of South Carolina's 2018 Integrated Report (IR)
Part I: Listing of Impaired Waters

INTRODUCTION

The South Carolina Department of Health and Environmental Control (SCDHEC or the Department) developed this priority list of waters 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 waters that do not currently meet State water quality standards after application of required controls for point and nonpoint source pollutants. Updated use attainment determinations were made using water quality data collected from 2012-2016. The classified uses of waters and a number of other factors were considered in establishing priorities and targets. The list will be used to consider waters 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 waters 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 waters.

In compliance with 40 CFR 25.4(c), the Department, beginning November 5, 2018, commenced a minimum 30-day public notice to ensure broad notice of the Department's intent to update its list of impaired waters. The 2018 §303(d) List of Impaired Waters was made available for public comment until 5:00pm December 5, 2018. A subsequent addendum to the list was made available for public comment from January 27, 2020 until 5:00pm February 26, 2020. Consistent with the recent national vision for state TMDL programs, this list also identifies specific waters and pollutants targeted for TMDLs or alternative restoration plans during 2016 through 2022. Public input was solicited regarding the draft listing, methodology and restoration priorities. The Department provided direct notice by email to interested parties, industries, private individuals, universities, research groups, federal agencies, other state agencies, and the United States Environmental Protection Agency (the USEPA). The Department has also posted the public notices, the initial draft list and addendum on its Internet website. Copies of the notices of availability for the initial draft listing and addendum are provided in Appendix G. A summary of comments and responses are provided in Appendix I.

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 (IR) 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 the USEPA's Assessment, TMDL Tracking and Implementation System (ATTAINS) all §303(d) listed assessment units will be included in South Carolina's portion of that repository for this listing cycle.

METHODOLOGY FOR DELISTING WATERS FROM THE 2016 §303(d) LIST

The Department reviewed the final 2016 §303(d) list as the starting point for the development of the 2018 §303(d) list. All waters on the 2016 §303(d) listing were evaluated for appropriate inclusion on the 2018 §303(d) list as defined in 40 CFR 130.2(j).

Good cause for delisting of waters from the 2016 §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 2016 §303(d) 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 waters that appear on the 2016 §303(d) list are sorted beginning with the 12-digit hydrologic unit code. Waters listed for “BIO” (biological impairment) on the 2016 §303(d) list have been removed for BIO if a pollutant responsible for the impairment has been identified. These waters remain on the 2018 §303(d) list for that pollutant and TMDLs will be developed for the pollutant of concern (not the biological impairment). Other waters have been removed from the list when biological data have shown full use support despite other chemical and/or physical standards excursions.

Waters that appeared on the 2016 §303(d) list that do not meet the above justifications for delisting remain on the 2018 §303(d) list.

METHODOLOGY FOR LISTING: THE SOUTH CAROLINA 2018 §303(d) LIST

In accordance with federal guidelines, the Department evaluated waters identified as impaired for appropriate inclusion on the 2018 §303(d) list. The Department has an extensive, fixed ambient surface water monitoring network throughout South Carolina with more than 240 stations. The SCDHEC monitoring effort also includes over 450 shellfish sanitation stations, over 100 aquatic macroinvertebrate stations, approximately 200 fish tissue stations, and over 100 beach monitoring 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 the USEPA, numerous random stations are incorporated in the Department’s monitoring program each year. SCDHEC’s total monitoring effort for the assessment used for this §303(d) list included data collected at over 1500 stations as described above. SCDHEC’s monitoring strategy can be found on the Internet at <https://www.scdhec.gov/sites/default/files/media/document/BOW-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 locations, some waters have been added to the 2018 §303(d) list. In compliance with water quality standards (SC Regulation 61-68), waters 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 waters which was prepared in 1989 pursuant to Section §304(l) of the CWA. This “one-time” § 304(l) Short List identified waters 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 2018 §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 SCDHEC's website at: <https://scdhec.gov/south-carolina-303d-list-impaired-waters-tmdl-limits-contaminants#2>. This solicitation contains links and contacts to SCDHEC'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 in Appendix F. 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 2018 §303(d) listing:

SCDHEC: Environmental Quality Control

- Water chemistry and biological data from over nearly 800 surface water monitoring sites
- Data collected at approximately 470 shellfish growing monitoring sites
- 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 100 sites
- 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

- Santee Cooper Public Service Authority
- Outside data collected in accordance with a SCDHEC-approved Quality Assurance Project Plan (QAPP) for the purpose of §303(d) listing consideration.

The Department's Quality Assurance Management Plan (QMP) has been approved by the USEPA as part of its requirements under Section 106 of the CWA. All data and information sources used for the 2018 §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. The referenced QMP and a checklist of QA/QC considerations used by the Department can be found at:

<https://scdhec.gov/quality-assurance-plans>

QAPP-approved data were submitted to the Department by the Black Creek Land Trust, the Congaree Riverkeeper, Charleston Waterkeeper and Santee Cooper. Data collected by these groups were considered for the current listing cycle. Each of the approved QAPPs can be made available by Freedom of Information Act (FOIA) request to the Department <https://www.scdhec.gov/sites/default/files/Library/D-2295.pdf>.

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 & 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 waters and locations, refer to Regulation 61-69, Classified Waters, in conjunction with Regulation 61-68. These regulations are located on the Internet at: <https://scdhec.gov/environment/water-quality/water-quality-standards/water-quality-standards-south-carolina>.

Most data were used on the basis of a minimum five-year assessment period. Metals data for aquatic life use support and fecal coliform data for shellfish harvesting use support were assessed based on a three-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 The State of South Carolina's 2018 Integrated Report (IR) Part II: *Section §305(b) Assessment and Reporting*.

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

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 location is thus listed as impaired.

A number of waters 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 waters 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 (2014-2016), the location is listed as impaired for the pollutant of concern. The Department also used discretion, considering factors other than excursion magnitude and frequency, in order to determine the impairment status due to toxicants (See Appendix H for additional detail).

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 location is listed as impaired. For waters with contraventions of standards between 10% and 25%, further site specific evaluation, including but not limited to consideration of prior listings, is necessary to determine if standards violations indicate actual aquatic life use impairment or if water quality standards are fully attained.

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. 14 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 a. 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 waters 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 H, 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 or alternative restoration plans 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 concentration of pathogenic bacteria present in a waterbody. 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. As previously mentioned, all water quality standards are promulgated in Regulation 61-68, Water Classifications & Standards.

Freshwater:

South Carolina's current water quality standard (WQS) for primary contact recreational use in freshwaters (Classes FW, TN, TPGT, and TPT) is *Escherichia coli*:

“Not to exceed a geometric mean of 126/100 ml based on at least four samples collected from a given sampling site over a 30 day period, nor shall a single sample maximum exceed 349/100 ml”.

Prior to February 28, 2013, South Carolina's WQS for primary contact recreational use in freshwaters (Classes FW, TN, TPGT, and TPT) was fecal coliform bacteria:

“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 the total samples during any 30 day period exceed 400/100 mL.”

Both the previous and current standards are protective of primary contact recreational use; therefore, secondary contact recreational use is also protected.

For development of 2018 §303(d) list, any site determined to be impaired due to freshwater recreational use will be listed for *Escherichia coli* (*E. coli*). This includes sites where no pathogen indicator data are being assessed from the 2012-2016 time-frame but are being carried over as impaired from the 2016§303(d) listing cycle. Sites with recreational use fecal coliform (FC) bacteria or *E. coli* pathogen indicator data from the relevant time-frame will be assessed as described below (See Appendix H for additional detail):

Where sufficient data are collected to evaluate against the geometric mean component of the previous FC bacteria or current *E. coli* standards, a percentage of criterion excursions greater than 10% indicates impairment of recreational use support and the location is included on the §303(d) list. Where applicable, assessment results against the FC bacteria and *E. coli* geometric mean criteria will be evaluated independently to determine the overall attainment status. Locations determined to be impaired will be listed due to *E. coli*.

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 single sample maximum (SSM) criterion is necessary.

In absence of sufficient data for evaluation of the geometric mean as prescribed in R. 61-68, only evaluation against the previous FC bacteria or current *E. coli* SSM is considered. A percentage of criteria excursions greater than 10% indicates impairment of recreational use support and the location is included on the §303(d) list. Where applicable, assessment results against the FC bacteria and *E. coli* SSM criteria will be evaluated independently to determine the overall attainment status. Locations determined to be impaired will be listed due to *E. coli*.

Tidal Saltwater:

South Carolina's current water quality standard (WQS) for primary contact recreational use in tidal saltwaters (Classes SA and SFH) is Enterococci:

“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 a single sample maximum exceed 104/100 ml”.

South Carolina's current water quality standard (WQS) for primary contact recreational use in tidal saltwaters (Class SB) is Enterococci:

"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 a single sample maximum exceed 501/100 ml".

Prior to February 28, 2013, South Carolina's WQS for primary contact recreational use in tidal saltwaters (Classes SA and SB) included FC bacteria, in addition to the aforementioned Enterococci standard:

"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 the total samples during any 30 day period exceed 400/100 ml."

South Carolina has removed FC bacteria as a primary contact recreational use standard in tidal saltwaters (Classes SA and SB) while maintaining the Enterococci recreational use standard as described above.

For development of 2018 §303(d) list, any site determined to be impaired due to tidal saltwater recreational use will be listed for Enterococci. This includes sites where no pathogen indicator data are assessed from the 2012-2016 time-frame but are being carried over as impaired from the 2016§303(d) listing cycle. Sites with available FC bacteria or Enterococci data from the relevant time-frame will be assessed for tidal saltwater recreational use support as described below (See Appendix H for additional detail):

Where sufficient data are collected to evaluate against the geometric mean component of the previous FC bacteria or current Enterococci standards, a percentage of criterion excursions greater than 10% indicates impairment of recreational use support and the location is included on the §303(d) list. Where applicable, assessment results against the FC bacteria and Enterococci geometric mean criteria will be evaluated independently to determine the overall attainment status. Locations determined to be impaired will be listed due to Enterococci.

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 single sample maximum (SSM) criterion is necessary.

In absence of sufficient data for evaluation of the geometric mean as prescribed in R. 61-68, only evaluation against the previous FC bacteria or current Enterococci SSM is considered. A percentage of criteria excursions greater than 10% indicates impairment of recreational use support and the location is included on the §303(d) list. Where applicable, assessment results against the FC bacteria and Enterococci SSM criteria will be evaluated independently to determine the overall attainment status. Locations determined to be impaired will be listed due to Enterococci.

Beach advisories may be issued for the period in which elevated Enterococci levels persist. Advisories may be cancelled once subsequent monitoring results demonstrate that the Enterococci standard is attained. Advisories and targeted sampling events for the purposes of cancelling advisories do not warrant listing for §303(d) purposes. Instead, an approach was developed in accordance with the USEPA guidance and South Carolina Regulations 61-68 (See <http://www.scdhec.gov/HomeAndEnvironment/Pollution/DHECPollutionMonitoringServices/BeachMonitoring/>).

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 assessment against the appropriate water quality standard, elevated FC bacteria levels and/or a classification which restricts shellfish harvesting in a designated harvesting area indicates nonsupport of uses and the location may be included on the §303(d) list of impaired waters. Note that the shellfish harvesting use should not be confused with the recreational use. For the 2018§303(d) listing cycle, there may be FC bacteria listings due to impaired shellfish harvesting although there will be no FC bacteria listings due impaired recreational use.

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 SCDHEC Bureau of Water webpage at <https://www.scdhec.gov/food-safety/food-monitoring-advisories/fish-consumption-advisories>. The latest shellfish sanitation report data assessments available were used during development of the 2018 §303(d). For background information and the most up-to-date shellfish growing area status reports please visit the SCDHEC Bureau of Water webpage at <https://www.scdhec.gov/food-safety/shellfish-monitoring-program-overview/monitoring-station-reports>.

Impacts Due to Hydrologic Modification and other Pollution

Hydrologic Modification and other Pollution – There are situations where it is difficult to evaluate the overall use support of a waterbody solely by assessing available water quality data against applicable numeric and narrative water quality criteria. In such cases, other information may be used to evaluate whether designated uses for a waterbody are not being met due to hydrologic alteration or other forms of *pollution*. It is important to note that SCDHEC does not place waterbodies on the §303(d) list of impaired waters that are not meeting designated uses due to *pollution*. In accordance with the USEPA guidance, waters impaired due to *pollution*, such as hydrologic alteration, are identified for additional consideration. Waters identified in this subcategory of the IR are identified in Appendix A.

Waters of Concern

The Department may also identify waterbodies that demonstrate degradation or are threatened for non-attainment of classified uses through the aforementioned assessment methodology. In such cases, SCDHEC does not place waterbodies on the §303(d) list of impaired waters but will continue to evaluate these as “Waters of Concern” through the current listing cycle. A final decision regarding §303(d) list consideration will occur during a subsequent listing cycle. 2018 Waters of Concern are identified in Appendix B.

TMDL DEVELOPMENT: METHODOLOGY FOR TARGETING IMPAIRED WATERS

The *Integrated Report (IR) 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. The Clean Water Act requires TMDLs for all impaired waters included on the§303(d) List. TMDLs, or alternative restoration plans, will be developed pursuant to the USEPA 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 impaired waters, 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.

In cooperation with the USEPA Region 4, SCDHEC Bureau of Water has developed TMDLs. At the time of publication of this list, over 600 TMDLs have been approved by the USEPA in South Carolina (see Appendix D). An updated listing of approved and draft TMDLs can be found at SCDHEC's TMDL webpage: <https://www.scdhec.gov/environment/your-water-coast/impaired-waters-contaminants-limits-303d-and-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 ongoing. Beginning with the 2016 IR (§303(d) listing) cycle, SCDHEC Bureau of Water is using a revised approach for prioritizing waters and pollutants for TMDLs or alternative restoration plans in accordance with the new national vision for the §303(d) program. The new prioritization does not alter legal responsibility under the Clean Water Act to complete TMDLs for all waters listed as impaired. The purpose of an updated prioritization approach is to more effectively allocate available resources to focus on priority TMDLs in the near term recognizing that all impairments must be addressed.

LONG-TERM VISION FOR THE §303(d) PROGRAM

A new vision for the §303(d) Program was released by the Environmental Protection Agency in December 2013 – *A Long-Term Vision for Assessment, Restoration, and Protection under the Clean Water Act Section 303(d) Program*. The vision and associated goals for the §303(d) Program were developed with input from the states and the Association of Clean Water Administrators (ACWA). The vision document and other information can be found on the USEPA's website at: <https://www.epa.gov/tmdl/new-vision-cwa-303d-program-updated-framework-implementing-cwa-303d-program-responsibilities>.

The vision included three goals beginning with the 2016 IR cycle: Integration, Prioritization, and Protection. The goal statements from the vision document are:

“Integration” The States should identify and coordinate implementation of key point source and nonpoint source control actions that foster effective integration across CWA programs, other statutory programs (e.g., CERCLA, RCRA, SDWA, CAA), and the water quality efforts of other Federal departments and agencies (e.g., Agriculture, Interior, Commerce) to achieve the water quality goals of each state;

“Prioritization” The States should review, systematically prioritize, and report priority watersheds or waters for restoration and protection in their biennial IR to facilitate State strategic planning for achieving water quality goals;

“Protection” In addition to the traditional TMDL development priorities and schedules for waters in need of restoration, the States should identify protection planning priorities and approaches along with schedules to help prevent impairments in healthy waters, in a manner consistent with each State’s systematic prioritization.

Integration. Some examples where SCDHEC’s TMDL program is working to better integrate with other state water quality programs include:

- Coordinating with SCDHEC's shellfish program to identify and prioritize impaired and threatened shellfish waters with large stocks of otherwise harvestable shellfish and high potential for public and commercial use;
- Aligning with SCDHEC source water protection program by elevating source water protection as a TMDL goal, including leveraging source water protection set aside funds for TMDLs in source water protection areas, and prioritizing lakes used for water supply that are impaired due to nutrients;
- Continuing to work with SCDHEC NPDES wastewater permitting program to use TMDLs and alternative restoration plans to develop WLAs and water quality based effluent limits to restore waters impaired by wastewater sources;
- Continuing to work with SCDHEC NPDES stormwater permitting program to use TMDLs or alternative restoration plans to restore waters impaired by stormwater sources through iteration of monitoring, problem identification, stormwater management and BMP implementation;
- Coordinating with SCDHEC watershed management and nonpoint source programs in determining whether a TMDL, Watershed Based Plan, or combination is the best approach for restoration. In many cases, Watershed Based Plans and §319 NPS implementation projects may be best suited for nonpoint sources and TMDLs may be most appropriate for waters impacted by point sources;
- Working with SCDNR regarding nutrient impairments in DNR-managed fishing lakes.

Protection. SCDHEC plans to continue to focus TMDL efforts on restoration of impaired waters as required under the Clean Water Act while recognizing the importance of keeping healthy waters off the §303(d) list in the first place and maintaining previously impaired waters that have improved. In some cases, waters not currently on the §303(d) list may be prioritized for TMDLs, alternative protection or maintenance plans as warranted based on recent impairment, ongoing impairment for related parameters, permitting requirements, nexus with nearby impaired waters, and other factors.

Prioritization. A key goal for each IR cycle is prioritization of impaired watersheds or waters for restoration or protection. Beginning with the 2016 IR cycle, States were encouraged by the USEPA to systematically identify and target priority waters for restoration or protection in support of the State's larger water quality objectives. Note that the final 2016 prioritization framework also serves as a basis for the current IR cycle.

Two general approaches were identified during development of the new vision prioritization goal. In the first approach, a state could choose to select priority watersheds and focus in those areas of the state. In this case the goal would be to develop TMDLs or alternative restoration plans to address all pollutants causing impairment in the targeted areas. For this approach, a systematic method for selecting watersheds is needed. For example, some states have used screening tools with various criteria and weighting factors to score and rank watersheds. In the second approach, a state might choose to prioritize a pollutant or use category and focus on that particular parameter. In this case, the goal would be to address that pollutant or use impairment statewide.

SCDHEC initially considered the first approach and considered developing a scoring and ranking system for all impairments followed by selection of prioritized impairments and the associated watersheds. Ultimately, the State applied a hybrid approach focusing on lakes impaired due to nutrients statewide as well as including a number of shellfish and recreational waters that are impaired or threatened due to bacteria. The basis for this approach is summarized below.

The first consideration was the list of impairments in South Carolina waters. Currently, the 1040 sites on the 2018 §303(d) List represent 1239 total impairments since some sites are impaired for more than one parameter. The breakdown of impairments by parameter category and by waterbody type is shown in Table 1. There is some overlap of estuaries and shellfish waters that is not apparent in the table. In some cases, shellfish waters that are monitored for fecal coliform and assessed for shellfish harvesting use by SCDHEC's shellfish sanitation program are also sampled by SCDHEC's ambient monitoring program for enterococci to assess recreational use and other water quality parameters to assess aquatic life. The table lists the categories based on the number of total impairments.

Table 1. Impairments by Category and Waterbody Type on the Draft 2018§303(d) List

Category	Total Impairments	Lakes	Streams	Estuaries	Shellfish Waters	Beaches
Bacteria	349	5	149	65	116	14
Nutrients, pH, DO	197	197				
Fish Tissue Hg and PCBs	190		190			
Macroinvertebrates	170		170			
Dissolved Oxygen	143		109	34		
Turbidity	92	13	16	63		
Metals	47	5	33	9		
pH	45		40	5		
Ammonia Toxicity	5	1	3	1		

Nutrients. Nutrient enrichment in lakes may cause variations in pH, dissolved oxygen, and may lead to excessive (undesirable) phytoplankton growth. For the purpose of comparing categories of impairments, lake pH, and dissolved oxygen impairments are combined with total phosphorus, total nitrogen, and chlorophyll a to give a total number of lake impairments that are potentially linked to nutrients. After bacteria, nutrients and nutrient-related parameters represent the next largest number of impairments in South Carolina waters.

Other factors in identifying nutrient impairments as a statewide TMDL program priority included:

- The lack of completed TMDLs for nutrients in South Carolina;
- The length of time that nutrients have been included on §303(d) list
- Concerns about adverse impacts of excess nutrients and associated algal growth on drinking water treatment, aquatic life, and recreation;
- The fact that nutrients are typically associated with controllable sources;

- Consideration of the USEPA priorities which include nutrients along with effluent impacted waters and drinking water protection;
- Increasing trend for nutrients in some waters of the state;
- Restoring and maintaining impaired lake headwater arms and coves now will help protect areas farther down in the lakes and prevent future problems.

Bacteria. Bacteria impairments continue to be the largest category of impaired sites in South Carolina. A limited number of waters impaired due to bacteria are prioritized for TMDLs or alternative restoration plans. These locations were chosen due to meeting one or more of the following criteria: (1) TMDLs have already commenced but are not yet completed; (2) waters known to be high value shellfish waters based on shellfish stocks as well as public and commercial interest that were identified in coordination with SCDHEC's shellfish program; (3) waters known to have high recreational value based on public and/or commercial recreational use; and/or (4) waters where the public and other stakeholders have expressed interest in restoration, and, for example, have collected certified and approved data.

Dissolved Oxygen. Dissolved oxygen impairments in lakes that may be caused by nutrient enrichment are prioritized along with the associated nutrient impairments. Dissolved oxygen conditions in streams, rivers, and estuaries across the state are highly variable. Dissolved oxygen impairments in streams, rivers, and estuaries that are contributed to or caused by pollutant sources will be prioritized in the future on a case-by-case basis in coordination with NPDES permitting.

Under the new vision, impairments prioritized for TMDL development or alternative restoration plans are then translated into measurable commitments to the USEPA in order to communicate overall progress and provide accountability. Translating priorities to commitments required consideration of available resources. For example, despite being considered a priority for TMDL development, resources are not identified at this time to address nutrient impairments for Lake Marion, Parr Reservoir and Lake Monticello, Goose Creek Reservoir, and several smaller lakes. Waters and impairments that, at this time, are identified for TMDLs or alternative restoration plans by 2022 and are reported to the USEPA for national tracking purposes are listed in Appendix E.

In addition to the priority areas noted above, TMDLs or alternative restoration plans for other pollutants or other waters may be initiated as needed and as resources allow. Notification of commencement for all TMDLs is provided on the SCDHEC website at:

<http://www.scdhec.gov/HomeAndEnvironment/Water/ImpairedWaters/TMDLsUnderDevelopment/>

The sections below describe how South Carolina will implement the vision's prioritization goal during the 2018 IR cycle.

TMDL IMPLEMENTATION

The SCDHEC §319 Grant Program may provide monies for implementation of the nonpoint source component of approved TMDLs. Periodically, requests for proposals are made for projects that will implement the nonpoint source components of existing TMDLs or other projects targeting non-point sources outside of TMDL areas. Interested persons may send a message to npsgrants@dhec.sc.gov to be notified of grant opportunities.

As of April 2018, 9 such implementation projects are currently being funded addressing non-point sources within and outside of TMDL areas. Implementation of TMDLs involving point sources is

occurring through departmental NPDES permitting mechanisms. South Carolina's implementation plan for nonpoint sources can be viewed on the web at: <https://www.scdhec.gov/sites/default/files/docs/HomeAndEnvironment/Docs/nps.pdf>

LIST OF IMPAIRED WATERS

The South Carolina 2018 §303(d) list follows. Waters 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 waters is determined during TMDL development and implementation. The column headings included on the South Carolina 2018 §303(d) list of impaired waters refer to the following:

BASIN – One of eight major basins contained in the State

HUC_12 – 12-digit Hydrologic Unit Code, a sub-basin unit in which the water body is located

DESCRIPTION – Name and brief description of the location of the impaired waters

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 <https://www.scdhec.gov/food-safety/food-monitoring-advisories/fish-consumption-advisories>)

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 <https://www.scdhec.gov/food-safety/shellfish-monitoring-program-overview/monitoring-station-reports>)

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

Ammonia-nitrogen: NH3N

Chlorophyll A: CHLA

Chromium: CR

Mercury: HG

Copper: CU

Dissolved Oxygen: DO

Enterococci: ENTERO

Fecal Coliform Bacteria: FC

Hydrogen Ion Concentration: PH

Total Nitrogen: TN

Escherichia coli: ECOLI

Cadmium: CD

Macroinvertebrate: BIO

Turbidity: TURBIDITY

Total Phosphorus: TP

Lead: PB

Polychlorinated Biphenyls: PCB

Nickel: NI

Zinc: ZN

Organotins: ORGANOTINS

NOTE –

* Further investigation planned

PRIORITY RANKING

In accordance with the USEPA IR guidance, priority rankings are established for development of TMDLs or alternative restoration plan 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 or alternative restoration plan development. If the water quality standard demonstrates attainment for the pollutant of concern subsequent to initial listing, a TMDL or alternative restoration plan will not be necessary.

For the 2018 §303(d) listing cycle, each site/pollutant combination will be assigned a priority ranking in one of three categories. Note that this system of ranking aligns with December 2013 guidance from the USEPA promoting a six-year vision for TMDL or alternative restoration plan. Please see Appendix E for the list of prioritized waters in South Carolina.

PRIORITY RANK-

- 1) ***Current Priorities*** are those site/pollutant combinations being addressed by TMDL or alternative restoration plans being developed during the 2016-2018 time-frame.
- 2) ***Near-Term Priorities*** are those site/pollutant combinations being addressed by TMDL or alternative restoration plans being developed during the 2019-2022 time-frame.
- 3) ***Long-Term Priorities*** are those site/pollutant combinations being addressed by TMDL or alternative restoration plans being developed after 2022.

Priority ranking will be reviewed during each IR (§303(d) listing) cycle. While the final 2016 prioritization framework serves as a basis for the current IR cycle, adjustments may be made as additional data are evaluated and other information regarding impairment status become available.

2018 SC 303(d) List of Impaired Waters by 12-Digit HUC

PRIORITY RANK	NOTE	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)
3		BROAD	030501051002	SPARTANBURG	LITTLE THICKETTY CREEK AT S-42-307 1.2 MI NE OF COWPENS	RS-04376	AL	BIO
3		BROAD	030501051003	CHEROKEE	GILKEY CK AT S-11-231, 9 MI SE OF GAFFNEY	B-334	AL	BIO
3		BROAD	030501051101	YORK	CLARK FORK INTO CRAWFORD LK ON UN# RD NEAR SC 161 & 705-KINGS MT	B-325	AL	BIO
3		BROAD	030501051102	YORK	BULLOCKS CRK. AT SR 40	B-739	AL	BIO
3		BROAD	030501051203	SPARTANBURG	OBED CREEK AT UNNUMBERED CHRISTOPHER ROAD OFF SC 11	RS-03514	AL	BIO
3		BROAD	030501051301	SPARTANBURG	MOTLOW CRK. AT SR 888	B-790	AL	BIO
3		BROAD	030501051301	SPARTANBURG	S PACOLET RVR AT S-42-866 1 MI SE CAMPOBELLO	B-302	AL	CD
3		BROAD	030501051302	SPARTANBURG	LAKE BOWEN 0.3 MI W OF SC 9	B-339	AL	CD
3		BROAD	030501051401	SPARTANBURG	LAWSONS FK CK AT S-42-40 BL INMAN MILL EFF	B-221	AL	BIO
3		BROAD	030501051401	SPARTANBURG	MEADOW CRK. AT SR 56	B-531	AL	BIO
3		BROAD	030501051402	SPARTANBURG	LAWSONS FORK CK AT S-42-108	BL-001	AL	PB
3		BROAD	030501051504	SPARTANBURG	POTTER BR ON RD 30 BL OUTFALL FROM HOUSING PROJ COWPENS	B-191	AL	DO
3		BROAD	030501051505	UNION	MILL CREEK AT SR 73	B-780	AL	BIO
3		BROAD	030501051602	CHEROKEE	CHEROKEE CREEK AT SC 329	B-679	AL	BIO
3		BROAD	030501051602	CHEROKEE	LAKE WELCHEL 2.7 M N OF GAFFNEY	RL-01029	AL	CHLA
3		BROAD	030501051603	CHEROKEE	PEOPLES CK AT S-11-50 6 MI E OF GAFFNEY	B-100	AL	BIO
3		BROAD	030501060102	YORK	ROSS BR TO TURKEY CK AT SC 49 SW OF YORK	B-086	AL	TURBIDITY
3		BROAD	030501060102	YORK	TURKEY CREEK AT S-46-41 5.3 MI SW YORK	RS-05562	AL	BIO
3		BROAD	030501060105	CHESTER	TURKEY CK AT SC 9, 14 MI NW OF CHESTER	B-136	AL	BIO
3		BROAD	030501060202	CHESTER	DRY FORK AT S-12-304 2 MI SW OF CHESTER	B-074	AL	BIO
3		BROAD	030501060202	CHESTER	LAKE AT CHESTER STATE PARK 0.8 MI SE OF ENTRANCE	RL-06438	AL	CHLA, PH, TURBIDITY
3		BROAD	030501060202	CHESTER	CHESTER STATE PARK LAKE 2.5 MI SW OF CHESTER	RL-06468	AL	CHLA, TURBIDITY
3		BROAD	030501060302	UNION	BROWNS CK AT S-44-86, 8 MI E OF UNION	B-155	AL	BIO
3		BROAD	030501060302	UNION	TRIB TO MENG CK AT CLVT ON S-44-384 3 MI E OF UNION	B-243	AL	PH
3		BROAD	030501060303	UNION	LAKE JOHN D. LONG IN FOREBAY NEAR DAM	B-344	AL	PH

2018 SC 303(d) List of Impaired Waters by 12-Digit HUC

PRIORITY RANK	NOTE	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)
3		BROAD	030501060401	FAIRFIELD	BEAVER CRK. AT SR 95	B-143	AL	BIO
3		BROAD	030501060401	FAIRFIELD	MCCLURES CREEK AT SC-215 6.7 MI SE OF CARLISLE	RS-04527	AL	BIO
3		BROAD	030501060402	NEWBERRY	HELLERS CRK. AT SR 97	B-151	AL	BIO
3		BROAD	030501060403	FAIRFIELD	MONTICELLO LK-LOWER IMPOUNDMENT BETWEEN LARGE ISLANDS	B-327	AL	PH
3		BROAD	030501060403	FAIRFIELD	MONTICELLO LAKE 1.7 MI NW OF MONTICELLO	RL-04370	AL	PH
3		BROAD	030501060403	FAIRFIELD	MONTICELLO LAKE 3.5 MI N OF JENKINSVILLE	RL-04374	AL	PH
3		BROAD	030501060403	FAIRFIELD	MONTICELLO RESERVOIR APPROX 0.8 MI SW OF LAKE MONTICELLO EAST LANDING	RL-13089	AL	PH
3		BROAD	030501060403	FAIRFIELD	MONTICELLO RESERVOIR 1.04 MILES SSE OF LAKE MONTICELLO WEST LANDING	RL-15009	AL	PH
3		BROAD	030501060404	NEWBERRY	CANNON CREEK AT OXNER ROAD	B-831	AL	BIO
3		BROAD	030501060406	NEWBERRY	PARR RESERVOIR 4.8 KM N OF DAM, UPSTREAM MONTICELLO RESERVOIR	B-346	AL	TP
3		BROAD	030501060406	FAIRFIELD	PARR RESERVOIR APPROX 0.7 MI NNW OF B-346 AND APPROX 0.9 MI SE OF MOUTH OF HELLERS CREEK	RL-12049	AL	TP
3		BROAD	030501060406	NEWBERRY	PARR RESERVOIR APPROX 0.25 MI ENE OF THE END OF MAYER WINDMILL DRIVE	RL-16047	AL	TP
3		BROAD	030501060406	FAIRFIELD	UNNAMED TRIBUTARY TO ROCKY CREEK AT COOPER HOLMES ROAD	RS-16324	REC	ECOLI
3		BROAD	030501060504	FAIRFIELD	WINNSBORO BR BELOW PLANT OUTFALL	B-077	AL	CU
3		BROAD	030501060504	FAIRFIELD	JACKSON CK AT S-20-54, 5 MI W OF WINNSBORO	B-102	AL	BIO
3		BROAD	030501060603	RICHLAND	BIG CEDAR CK AT SC 215	B-320	AL	BIO
3		BROAD	030501060701	NEWBERRY	CRIMS CRK. AT SC 213	B-800	AL	BIO
3		BROAD	030501060702	RICHLAND	WATEREE CRK. AT SR 698	B-801	AL	BIO
3		BROAD	030501060703	FAIRFIELD	BROAD RVR AT SO. RR TRESTLE, 0.5 MI DS OF SC 213	B-236	AL	CU
3		BROAD	030501060707	RICHLAND	CRANE CREEK AT US 321	B-081	AL	BIO
3		BROAD	030501060707	RICHLAND	CRANE CK AT S-40-43 UNDER I-20 - N COLA	B-316	AL	DO
3		BROAD	030501060708	RICHLAND	SMITH BR AT N MAIN ST (US 21) IN COLA	B-280	AL	BIO
3		BROAD	030501070102	SPARTANBURG	BEAVERDAM CRK. AT SC 357	B-784	AL	BIO
3		BROAD	030501070201	SPARTANBURG	N TYGER RVR AT US 29 7.2 MI W OF SPARTANBURG	B-219	AL	BIO
3		BROAD	030501070203	SPARTANBURG	UNNAMED TRIB TO TIMMS CREEK FIRST TRIB ENTERING TIMM CREEK DOWNSTREAM OF MONTGOMERY POND.	B-829	AL	BIO

2018 SC 303(d) List of Impaired Waters by 12-Digit HUC

PRIORITY RANK	NOTE	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)
3		BROAD	030501070203	SPARTANBURG	TIMM CREEK100 METERS UPSTREAM OF FELT RD.	B-830	AL	BIO
3		BROAD	030501070303	SPARTANBURG	SOUTH TYGER RIVER AT 293	B-005A	AL	BIO
3		BROAD	030501070305	SPARTANBURG	UNNAMED TRIB TO SOUTH TYGER RIVER ROGERS MILL SUBDIVISION, DOWNSTREAM OF THE 2ND STORMWATER DISCHARG	B-833	AL	BIO
3		BROAD	030501070401	SPARTANBURG	TRIB TO FAIRFOREST CK 200 FT BL S-42-65	B-321	AL	NI, PH
3		BROAD	030501070402	SPARTANBURG	FAIRFOREST CK AT SC 56	B-021	AL	BIO
3		BROAD	030501070402	SPARTANBURG	LAKE JOHNSON AT SPILLWAY AT S-42-359	CL-035	AL	CHLA, DO, PH, TP
3		BROAD	030501070406	UNION	TOSCHS CK AT S-44-75 2 MI SW OF UNION	B-067A	AL	BIO
3		BROAD	030501070406	UNION	BRIDGE OVER MORRIS BRANCH AT S-44-163 -DEEP WATER ROAD	RS-13114	AL	TURBIDITY
3		BROAD	030501070505	UNION	TINKER CK AT UN# CO RD 1.7 MI SSE OF UNION	B-287	AL	PH, TURBIDITY
3		BROAD	030501070506	UNION	CANE CRK. AT SR 359	B-777	AL	BIO
3		BROAD	030501070507	UNION	TYGER RVR AT S-44-35 3.5 MI S OF CARLISLE	B-349	REC	ECOLI
3		BROAD	030501080101	GREENVILLE	BUCKHORN CRK. AT SR 562	B-795	AL	BIO
3		BROAD	030501080101	GREENVILLE	ENOREE R. AT PINE LOG FORD RD., 2ND CROSSING ABOVE SC 253 BRIDGE	B-797	AL	BIO
3	*	BROAD	030501080101	GREENVILLE	ENOREE RVR AT UNNUM RD W US 25 N TRAVELERS REST	BE-001	AL	ZN
3		BROAD	030501080101	GREENVILLE	MOUNTAIN CRK. AT SR 279	BE-008	AL	BIO
3		BROAD	030501080102	GREENVILLE	PRINCESS CREEK AT SUBER MILL RD, SECOND RD S OF US 29 OFF S-23-540	B-192	AL	BIO
3		BROAD	030501080102	GREENVILLE	ROCKY CK AT BRDG IN BATESVILLE 1 MI AB JCT WITH ENOREE	BE-007	AL	BIO
3		BROAD	030501080102	GREENVILLE	BRUSHY CK AT S-23-164	BE-009	AL	BIO
3		BROAD	030501080102	GREENVILLE	BRUSHY CK AT HOWELL RD (S-23-273/335) APPROX 5 MI NE OF GREENVILLE (BIO B-798)	BE-035	AL	BIO
3		BROAD	030501080103	GREENVILLE	GILDER CK AT S-23-142 2.75 MI ENE OF MAULDIN	B-241	AL	TURBIDITY
3		BROAD	030501080103	GREENVILLE	HORSE PEN CRK. AT SR 145	B-793	AL	BIO
3		BROAD	030501080103	GREENVILLE	GILDER CK AT S-23-143 1/4 MI AB JCT WITH ENOREE RVR	BE-020	AL	BIO
3		BROAD	030501080104	GREENVILLE	ENOREE RVR AT SC 296, 7.5 MI NE OF MAULDIN	BE-017	AL	BIO
3		BROAD	030501080105	LAURENS	DURBIN CREEK AT SC 418	B-097	AL	TURBIDITY
3		BROAD	030501080106	LAURENS	ENOREE RVR AT S-30-75	BE-018	AL	TURBIDITY
3		BROAD	030501080106	LAURENS	ENOREE RIVER AT SC HWY 418	BF-019	AL	BIO
3		BROAD	030501080201	LAURENS	BEAVERDAM CK AT S-30-97, 7 MI NE OF GRAY COURT	B-246	AL	BIO
3		BROAD	030501080201	LAURENS	BEAVERDAM CREEK AT S-30-399 10 MI N OF LAURENS	RS-05566	AL	BIO

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PRIORITY RANK	NOTE	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)
3		BROAD	030501080202	LAURENS	WARRIOR CK AT US 221, 8 MI NNE OF LAURENS	B-150	AL	DO, PH
3		CATAWBA	030402010406	YORK	TOOLS FORK CREEKUPSTREAM OF RETENTION POND IN HAWKINS RIDGE OFF S-46-195	CW-545	REC	ECOLI
3		CATAWBA	030501011502	YORK	LAKE WYLIE AB MILL CK ARM AT END OF S-46-557	CW-197	FISH	PCB
3		CATAWBA	030501011503	YORK	BEAVERDAM CREEK AT BRIDGE ON S-46-64 3.2 MI ENE OF CLOVER	RS-06020	AL	BIO
3		CATAWBA	030501011505	YORK	BRIDGE OVER CROWDERS CREEK AT S-46-152 -RIDDLE MILL ROAD	RS-13136	REC	ECOLI
3		CATAWBA	030501011506	YORK	LK WYLIE N LAKWOODS S/D AT EBENEZER ACCESS	CW-201	FISH	PCB
3		CATAWBA	030501011507	YORK	LITTLE ALLISON CREEK AT S-46-815; HARPER ROAD	RS-15232	REC	ECOLI
3		CATAWBA	030501011508	YORK	TORRENCE BRANCH ARM OF LAKE WYLIE EVEN WITH CUL-DE-SAC AT END OF WTER TRACE DR	RL-13088	REC	ECOLI
3		CATAWBA	030501030103	YORK	SUGAR CK US OF CONFLUENCE W/ MCALPINE CK	CW-246	AL	BIO
3		CATAWBA	030501030107	LANCASTER	MCALPINE CK AT S-29-64	CW-064	AL	BIO
2		CATAWBA	030501030107	LANCASTER	MCALPINE CK AT S-29-64	CW-064	REC	ECOLI
3		CATAWBA	030501030108	YORK	STEEL CR. AT US BY-PASS 21	CW-681	AL	PH
3		CATAWBA	030501030109	LANCASTER	SUGAR CK AT SC 160 E OF FORT MILL	CW-013	AL	BIO
2		CATAWBA	030501030109	LANCASTER	SUGAR CREEK AT S-46-36	CW-036	REC	ECOLI
3		CATAWBA	030501030302	LANCASTER	CANE CK AT SC 200 5 MI NNE OF LANCASTER	CW-185	AL	DO
3		CATAWBA	030501030304	LANCASTER	HANNAHS CREEK AT S-29-376 3.4 MI E OF LANCASTER	RS-05403	AL	DO
3	*	CATAWBA	030501030304	LANCASTER	GILLS CK AT S-29-36 4.5 MI ENE OF LANCASTER	RS-07043	AL	DO
3		CATAWBA	030501030305	LANCASTER	CANE CK AT S-29-50	CW-017	AL	DO
3		CATAWBA	030501030305	LANCASTER	CANE CR. AT SC 9 BYPASS	CW-210	AL	PH
3		CATAWBA	030501030305	LANCASTER	RUM CK AT S-29-187	CW-232	AL	DO
3		CATAWBA	030501030401	YORK	WILDCAT CK AT S-46-650	CW-006	AL	DO
3		CATAWBA	030501030401	YORK	TOOLS FORK AT S-46-195 7 MI NW OF ROCK HILL	CW-212	AL	TURBIDITY
3		CATAWBA	030501030402	YORK	FISHING CK AT S-46-347 DS YORK WWTP	CW-005	AL	BIO
3		CATAWBA	030501030403	YORK	STONEY FORK CRK. AT SC 121 & 72	CW-697	AL	BIO

2018 SC 303(d) List of Impaired Waters by 12-Digit HUC

PRIORITY RANK	NOTE	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)
3		CATAWBA	030501030404	CHESTER	LAKE OLIPHANT, FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CL-021	AL	PH, TP
3	*	CATAWBA	030501030404	YORK	CONRAD CREEK AT S-46-1273 HAWLEY ROAD	RS-15284	AL	DO, PH
3		CATAWBA	030501030406	CHESTER	SOUTH FORK OF FISHING CRK. AT SR 50	CW-007	AL	BIO
3		CATAWBA	030501030407	YORK	FISHING CR. AT SR 655	CW-654	AL	BIO
3		CATAWBA	030501030407	YORK	TAYLORS CRK. AT SR 735	CW-695	AL	BIO
3		CATAWBA	030501030410	CHESTER	DAIRY BRANCH AT DEER BRANCH RD OFF US 21	RS-13152	REC	ECOLI
3	*	CATAWBA	030501030503	CHESTER	BEAVER DAM CRK. AT SR 555	CW-691	AL	BIO
3		CATAWBA	030501030503	CHESTER	BEAVERDAM CREEK AT BRIDGE ON S-12-198 3.5 MI NW OF GREAT FALLS	RS-06171	AL	BIO
2		CATAWBA	030501030505	CHESTER	CEDAR CK RESERVOIR/ROCKY CK AT S-12-141 SE OF GREAT FALLS	CW-175	AL	DO, TN, TP
3		CATAWBA	030501030602	YORK	CATAWBA RVR AT US 21	CW-014	REC	ECOLI
3		CATAWBA	030501030604	LANCASTER	CATAWBA RVR AT SC 5 AB BOWATER	CW-041	REC	ECOLI
3		CATAWBA	030501030604	CHESTER	GREENE CREEK AT S-12-465 8.2 MI N OF FORT LAWN	RS-03511	AL	BIO
3		CATAWBA	030501030604	CHESTER	GREENE CREEK AT S-12-465 8.2 MI N OF FORT LAWN	RS-03511	REC	ECOLI
3		CATAWBA	030501030604	YORK	SIXMILE CREEK AT BRIDGE ON S-46-691 2.6 MI NE OF RODDEY	RS-06176	AL	BIO
3		CATAWBA	030501030606	CHESTER	CATAWBA RVR AT SC 9 AT FT LAWN	CW-016	FISH	PCB
2		CATAWBA	030501030606	CHESTER	FISHING CK RES 2 MI BL CANE CREEK	CW-016F	AL	TN, TP
2		CATAWBA	030501030606	LANCASTER	CEDAR CK RESERVOIR 100 M N OF DAM	CW-033	AL	PH, TP
3		CATAWBA	030501030606	LANCASTER	CEDAR CK RESERVOIR 100 M N OF DAM	CW-033	FISH	PCB
2		CATAWBA	030501030606	CHESTER	FISHING CK RES 75 FT AB DAM NR GREAT FALLS	CW-057	AL	PH, TN, TP
3		CATAWBA	030501030606	CHESTER	FISHING CK RES 75 FT AB DAM NR GREAT FALLS	CW-057	FISH	PCB
3		CATAWBA	030501030606	CHESTER	FISHING CREEK RES. NEAR CANE CR. LANDING	CW-133	FISH	PCB
2		CATAWBA	030501030606	CHESTER	CEDAR CK RESERVOIR AT UNIMP RD AB JCT WITH ROCKY CK	CW-174	AL	PH, TN, TP
2		CATAWBA	030501030606	LANCASTER	CEDAR CK RES 2.15 M SE OF GREAT FALLS	RL-01007	AL	TP
2		CATAWBA	030501030606	CHESTER	CEDAR CK RES FROM W OF BIG ISL 7 MI BELOW ROCKY CK CONFL	RL-02319	AL	TP
2		CATAWBA	030501030606	LANCASTER	CEDAR CK RES 0.15 MI SE OF S TIP PICKETT ISLAND	RL-02452	AL	TP
2, 2, 3		CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 0.9 MI NE OF GREAT FALLS	RL-03332	AL	TN, TP, TURBIDITY
3, 2, 3		CATAWBA	030501030606	CHESTER	CEDAR CREEK RESERVOIR 0.3 MI NE OF DAM AND W OF BIG ISLAND	RL-03351	AL	CU, TP, TURBIDITY
2, 3		CATAWBA	030501030606	CHESTER	CEDAR CREEK RESERVOIR 1.9 MI SE OF GREAT FALLS AND E OF BIG ISLAND	RL-03353	AL	TP, TURBIDITY
2, 3		CATAWBA	030501030606	CHESTER	GREAT FALLS RSVR 1 MI NE OF GREAT FALLS	RL-03458	AL	TP, TURBIDITY
2		CATAWBA	030501030606	LANCASTER	CEDAR CREEK RESERVOIR 2.2 MI SE OF GREAT FALLS SE OF BOWDEN ISLAND	RL-04375	AL	TP
2		CATAWBA	030501030606	CHESTER	CEDAR CREEK RESERVOIR 1.25 MI ESE OF GREAT FALLS NW OF HILL ISLAND	RL-04379	AL	TP
2		CATAWBA	030501030606	CHESTER	CEDAR CREEK RESERVOIR 0.42 MI NNW OF S-29-405 ON LANCASTER CHESTER COUNTY LINE	RL-05391	AL	TP
2		CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 1 MI EAST OF JUNCTION OF SC 99 AND US 21	RL-05414	AL	TP
2		CATAWBA	030501030606	FAIRFIELD	CEDAR CREEK RESERVOIR DEBUTARY CREEK BRANCH 0.4 MI E OF DEBUTARY CREEK AND S-20-268	RL-05416	AL	TP

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PRIORITY RANK	NOTE	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)
2		CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 1.2 MI SE OF GREAT FALLS W OF BIG ISLAND	RL-06429	AL	TP
2		CATAWBA	030501030606	CHESTER	CEDAR CREEK RESEVOIR 1.6 MI SE OF GREAT FALLS E OF BIG ISLAND	RL-06431	AL	TP
2		CATAWBA	030501030606	CHESTER	CEDAR CREEK RESEVOIR 2.3 MI SE OF GREAT FALLS S OF PICKET ISLAND	RL-06443	AL	PH
2		CATAWBA	030501030606	CHESTER	CEDAR CREEK RESERVOIR 0.27 MI SE OF S-12-141 BELOW TAILRACE FROM GREAT FALLS DAM	RL-08046	AL	TN, TP
2		CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 0.9 MI E OF NITROLEE W SIDE OF CUT BTWN 2 ISLANDS	RL-08062	AL	TN, TP
2		CATAWBA	030501030606	FAIRFIELD	CEDAR CREEK RESERVOIR 0.15 MILES SOUTHWEST OF THE DEBUTARY BOAT LANDING	RL-09094	AL	TP
2		CATAWBA	030501030606	LANCASTER	LAKE, CEDAR CK RESERVOIR 2.60MI SSE OF JCT OF US 21 AND SC-97 ON EAST SIDE OF GREAT FALL RESERVOIR	RL-10102	AL	TP
2		CATAWBA	030501030606	CHESTER	GREAT FALL RESERVOIR 155M SE OF JCT OF US 21 AND SC-97 ON WEST SIDE OF GREAT FALL RESERVOIR	RL-10106	AL	TN, TP
2		CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 40 YARDS FROM DAM AND 70 YARDS WEST OF SHORE OF POINT	RL-11117	AL	DO, TN, TP
2		CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 1.0 MILES SOUTH OF SC 97 IN THE MIDDLE OF THE RESERVOIR.	RL-11119	AL	TN, TP
2		CATAWBA	030501030606	CHESTER	FISHING CREEK RESERVOIR APPROX MID-LAKE APPROX 1 MI N OF CANE CREEK LANDING	RL-13072	AL	TN, TP
2		CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR NEAR BIG ISLAND SHORELINE ACROSS FROM END OF RIVER ST	RL-13134	AL	PH, TP
2		CATAWBA	030501030606	LANCASTER	FISHING CREEK RESERVOIR 0.2 MILES NNW OF CANE CREEK LANDING	RL-15023	AL	PH, TN, TP
2		CATAWBA	030501030606	CHESTER	CEDAR CREEK RESERVOIR 1.7 MILES NORTH OF GOAT ISLAND	RL-15104	AL	PH
2		CATAWBA	030501030606	LANCASTER	CEDAR CREEK RESERVOIR 0.39 MILES SW OF STUMPY POND LANDING	RL-16115	AL	TN
3		CATAWBA	030501030606	LANCASTER	CATAWBA RIVER AT END OF LANSFORD RD OFF S-29-660	RS-12088	REC	ECOLI
3		CATAWBA	030501040101	LANCASTER	BRIDGE AT SC HWY 97 OVER CEDAR CREEK -CEDAR CREEK ROAD	RS-13144	REC	ECOLI
3		CATAWBA	030501040102	FAIRFIELD	LITTLE WATeree CK AT S-20-41 5 MI E OF WINNSBORO	CW-040	AL	ZN
3		CATAWBA	030501040102	FAIRFIELD	UNNAMED TRIB TO HORSE CREEK GRAVEL ROAD S-20-21; OLD CAMDEN ROAD; AKA OLD 21; AKA HORSE CREEK ROAD.	RS-16296	REC	ECOLI
3		CATAWBA	030501040105	FAIRFIELD	BIG WATeree CK AT US 21	CW-072	AL	DO
3		CATAWBA	030501040106	LANCASTER	CEDAR CREEK RESERVOIR TAILRACE	CW-034	FISH	PCB
2		CATAWBA	030501040106	LANCASTER	LK WATeree HEADWATERS APPROX 50 YDS DS CONFL CEDAR CK	CW-231	AL	DO, TN, TP
3		CATAWBA	030501040106	LANCASTER	LK WATeree HEADWATERS APPROX 50 YDS DS CONFL CEDAR CK	CW-231	REC	ECOLI
2		CATAWBA	030501040106	FAIRFIELD	WATeree LAKE ABOUT 1 MILE BELOW THE CONFLUENCE WITH THE CROOKED CREEK AND 1.3 MI ABOVE THE BIG WATER	RL-11040	AL	PH, TN, TP
2		CATAWBA	030501040106	LANCASTER	LAKE WATeree 2.1 MILES NNE OF WATeree CREEK BOAT RAMP	RL-15007	AL	TN
2		CATAWBA	030501040108	FAIRFIELD	LK WATeree AT S-20-101 11 MI ENE WINNSBORO	CW-208	AL	PH
2		CATAWBA	030501040108	FAIRFIELD	DUTCHMANS CREEK ARM OF LAKE WATeree 0.4 MI E OF S-20-101 BRIDGE	RL-08035	AL	PH, TP
2		CATAWBA	030501040108	FAIRFIELD	LAKE WATeree, DUTCHMANS CREEK COVE NEAR MOUTH OF CUT BEHIND LAKE WATeree STATE PARK ISLAND APPROX 0.	RL-12056	AL	CHLA, PH

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PRIORITY RANK	NOTE	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)
3		CATAWBA	030501040109	LANCASTER	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	REC	ECOLI
2		CATAWBA	030501040111	KERSHAW	LK WATeree IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CL-089	AL	DO, PH
2		CATAWBA	030501040111	FAIRFIELD	LK WATeree AT END OF S-20-291	CW-207	AL	PH
3		CATAWBA	030501040111	FAIRFIELD	LK WATeree AT END OF S-20-291	CW-207	FISH	PCB
2		CATAWBA	030501040111	KERSHAW	LK WATeree AT SMALL ISLAND 2.3 MI N OF DAM	CW-209	AL	PH
3		CATAWBA	030501040111	KERSHAW	LK WATeree AT SMALL ISLAND 2.3 MI N OF DAM	CW-209	FISH	PCB
2		CATAWBA	030501040111	KERSHAW	LAKE WATeree 1.0 MI SW FROM MOUTH OF BEAVER CK	RL-02314	AL	PH, TP
2		CATAWBA	030501040111	KERSHAW	LAKE WATeree NEARSHORE ALONG S-28-802 OPP COLONEL CK CONFL	RL-03336	AL	PH, TP
2		CATAWBA	030501040111	KERSHAW	WATEREE LAKE 1.9 MILES WEST OF THE CLEARWATER COVE BOAT LANDING AND 1.9 MILES NORTHEAST OF THE COLON	RL-09099	AL	PH, TP
2		CATAWBA	030501040111	KERSHAW	LAKE WATeree 4.3MI NW OF WEST END OF WATeree DAM	RL-10008	AL	PH
2		CATAWBA	030501040111	KERSHAW	LAKE WATeree APPROX 0.15 MI SW OF END OF LITTLE GULL RD	RL-13084	AL	PH
2		CATAWBA	030501040111	KERSHAW	LAKE WATeree APPROX 1.7 MI NE OFF COLONEL CREEK LANDING	RL-14155	AL	PH
2		CATAWBA	030501040111	FAIRFIELD	FOX CREEK COVE OF LAKE WATeree APPROX 300 YDS NE OF JUNE CREEK BOAT RAMP. PERFECT DOCK IF PERMISSION	RL-16039	AL	PH
3		CATAWBA	030501040202	KERSHAW	UNNAMED TRIB TO GRANNIES QUARTER CREEK AT FIRST DIP IN S-28-499; CATOE ROAD AFTER LEAVING US 521	RS-16336	AL	PH
3		CATAWBA	030501040205	RICHLAND	TWENTYFIVE MILE CREEK AT S-40-60 -GROVER WILSON ROAD	RS-13160	AL	BIO
3		CATAWBA	030501040207	KERSHAW	TWENTYFIVE MILE CK AT S-28-05 3.7 MI W OF CAMDEN	CW-080	AL	BIO
3		CATAWBA	030501040208	KERSHAW	WATEREE RIVER BELOW LAKE WATeree DAM	CW-039	FISH	HG, PCB
3		CATAWBA	030501040302	KERSHAW	BIG PINE TREE CK AT US 521, NW BRIDGE	CW-021	REC	ECOLI
3		CATAWBA	030501040302	KERSHAW	LITTLE PINE TREE CREEK AT S-28-132	CW-223	REC	ECOLI
3		CATAWBA	030501040304	KERSHAW	WATEREE RVR AT US 1	CW-019	AL	DO
3		CATAWBA	030501040304	KERSHAW	WATEREE RVR AT US 1	CW-019	REC	ECOLI
3		CATAWBA	030501040304	KERSHAW	WATEREE RIVER @ I-20	CW-214	AL	DO
3		CATAWBA	030501040304	KERSHAW	WATEREE RIVER @ I-20	CW-214	FISH	HG, PCB
3		CATAWBA	030501040305	KERSHAW	SWIFT CK AT S-28-12	CW-082	REC	ECOLI
3		CATAWBA	030501040305	KERSHAW	SWIFT CK AT SC 261	CW-238	AL	CU, DO
3		CATAWBA	030501040306	SUMTER	RAFTING CREEK AT US 521; SOUTHERN BRIDGE FARWEST FROM REMBERT	RS-14220	REC	ECOLI
3		CATAWBA	030501040404	RICHLAND	COLONELS CK AT SC 262	CW-250	AL	CU
3		CATAWBA	030501040406	RICHLAND	WATEREE RVR AT US 76 AND 378	CW-206	FISH	HG, PCB
3		EDISTO	030502030101	AIKEN	CHINQUAPIN CREEK AT S-02-210	E-606	AL	BIO

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3		EDISTO	030502030106	AIKEN	N FORK EDISTO RVR AT S-02-110	E-102	FISH	HG
3		EDISTO	030502030206	LEXINGTON	BULL SWP CK AT CLVT ON UNIMP RD 1.1 MI NW OF SWANSEA	E-034	AL	DO
3		EDISTO	030502030206	LEXINGTON	BULL SWAMP CREEK AT SC 6	E-591	AL	BIO
3		EDISTO	030502030210	ORANGEBURG	NORTH EDISTO RIVER @ SLAB LANDING	E-704	FISH	HG
3	*	EDISTO	030502030308	ORANGEBURG	N FORK EDISTO RVR AT US 601 AT ORANGEBURG	E-007	AL	PH
3		EDISTO	030502030308	ORANGEBURG	N FORK EDISTO RVR AT US 601 AT ORANGEBURG	E-007	FISH	HG
3		EDISTO	030502030308	ORANGEBURG	N FORK EDISTO RVR AT LIVINGSTON LANDING 6 MI BL E-007	E-007C	FISH	HG
3		EDISTO	030502030308	ORANGEBURG	N FORK EDISTO RVR AT S-38-39 WSW OF ROWESVILLE	E-008	FISH	HG
3		EDISTO	030502030308	ORANGEBURG	N FORK EDISTO RVR AT S-38-63	E-008A	FISH	HG
3		EDISTO	030502040101	SALUDA	BOG BRANCH AT S-43-91 (AIRPORT ROAD)/S-19-75 (OLD PLANK ROAD)	RS-16297	AL	TURBIDITY
3		EDISTO	030502040106	EDGEFIELD	HILLYER BRANCH AT UNNAMED HILLYER BRANCH ROAD OFF S-19-75 3.5 MI NE OF TRENTON	RS-03344	AL	PH
3		EDISTO	030502040207	AIKEN	SOUTH EDISTO RIVER @ AIKEN STATE PARK	E-585	FISH	HG
3		EDISTO	030502040207	AIKEN	LIGHTWOOD KNOT CRK. AT UNNAMED RD. WEST OF SR 60	E-600	FISH	HG
3		EDISTO	030502040305	BARNWELL	WINDY HILL CRK. AT SR 38	E-029	AL	PH
3		EDISTO	030502040307	BARNWELL	S FORK EDISTO RVR AT SC 39	E-011	FISH	HG
3		EDISTO	030502040309	ORANGEBURG	ROBERTS SWAMP AT SR 690	E-592	AL	BIO
3		EDISTO	030502040311	BAMBERG	SOUTH EDISTO RIVER @ BOBCAT LANDING	E-500	FISH	HG
3		EDISTO	030502040311	BAMBERG	SOUTH EDISTO RIVER @ SC 365	E-501	FISH	HG
3		EDISTO	030502050101	ORANGEBURG	LITTLE BULL CK CK AT SC 33-BL UTICA TOOL CO	E-076	AL	PH
3		EDISTO	030502050101	ORANGEBURG	GRAMBLING CRK. AT SR 154	E-589	AL	BIO
3		EDISTO	030502050101	ORANGEBURG	BULL SWAMP AT SR 65	E-590	AL	BIO
3		EDISTO	030502050105	ORANGEBURG	GOODBYS SWAMP AT US 176 6 M SW OF ELLOREE	RS-01036	AL	BIO
3		EDISTO	030502050108	ORANGEBURG	FOUR HOLE SWAMP @ US 301	E-048	FISH	HG
3		EDISTO	030502050108	CALHOUN	FOUR HOLE SWP AT S-38-50 5.2 MI SE OF CAMERON	E-059	FISH	HG
3		EDISTO	030502050108	ORANGEBURG	UNNAMED TRIBUTARY TO FOUR HOLE SWAMP AT CO RD S-38-92 5.5 MI NE OF BOWMAN	RS-04537	AL	BIO
3		EDISTO	030502050302	ORANGEBURG	PROVIDENCE SWP AT E FRONTAGE RD TO I-95 NW OF HOLLY HILL	E-051	AL	DO
3		EDISTO	030502050305	ORANGEBURG	FOUR HOLE SWAMP AT SC 453	E-112	AL	DO
3		EDISTO	030502050305	ORANGEBURG	FOUR HOLE SWAMP AT SC 453	E-112	FISH	HG

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2		EDISTO	030502050311	DORCHESTER	4 HOLE SWP AT US 78 E OF DORCHESTER	E-100	REC	ECOLI
3		EDISTO	030502060103	BAMBERG	EDISTO RVR AT US 78 W OF BRANCHVILLE	E-013	FISH	HG
3		EDISTO	030502060106	DORCHESTER	EDISTO RIVER NEAR THE END OF FISHTALE RD SAMPLE OFF OF DOCK BETWEEN WHITE TRAILER AND BRICK HOUSE 6.	RS-06180	REC	ECOLI
3		EDISTO	030502060108	DORCHESTER	EDISTO RVR AT US 15 S OF ST GEORGE	E-014	FISH	HG
3		EDISTO	030502060108	COLLETON	EDISTO RVR AT S-18-29	E-086	REC	ECOLI
3		EDISTO	030502060201	DORCHESTER	INDIAN FIELD SWAMP AT S-18-54; MULBERRY ROAD	RS-14227	AL	NH3N
3		EDISTO	030502060203	DORCHESTER	POLK SWP AT UNIMP RD S-18-180 2 MI S OF ST GEORGE	E-016	AL	DO
3		EDISTO	030502060203	DORCHESTER	POLK SWAMP AT S-18-19	E-109	AL	DO
3		EDISTO	030502060204	DORCHESTER	INDIAN FIELD SWAMP AT S-18-19	E-032	AL	DO
3		EDISTO	030502060204	DORCHESTER	BIG BRANCH AT S-18-378	RS-10373	AL	DO
3		EDISTO	030502060301	COLLETON	EDISTO RIVER @ MARS OLDFIELD	E-601	FISH	HG
3		EDISTO	030502060301	COLLETON	EDISTO RIVER AT MARS OLDFIELD BOAT LANDING OFF SC 61. SAMPLE OFF RAMP OR JUST DOWNSTREAM AT SHORELIN	RS-14179	AL	DO
3		EDISTO	030502060302	DORCHESTER	EDISTO RVR AT SC 61 AT GIVHANS FERRY ST PK	E-015	FISH	HG
3		EDISTO	030502060302	COLLETON	EDISTO RIVER @ GOOD HOPE LANDING	E-602	FISH	HG
3		EDISTO	030502060303	COLLETON	EDISTO RIVER @ SULLIVANS FERRY	E-087	FISH	HG
3		EDISTO	030502060304	CHARLESTON	EDISTO RIVER ABOVE HWY 17 (MARTINS LANDING)	CSTL-589	FISH	HG
3		EDISTO	030502060304	CHARLESTON	EDISTO RVR AT US 17 12.5 MI NW RAVENEL	MD-119	FISH	HG
3		EDISTO	030502060305	CHARLESTON	PENNY CREEK	CSTL-591	FISH	HG
3		EDISTO	030502060306	CHARLESTON	EDISTO RIVER @ WILLTOWN BLUFF	CSTL-590	FISH	HG
3		EDISTO	030502060307	CHARLESTON	ST. PIERRE CREEK AT PETERS PT.	13-04	SHELLFISH	FC
3		EDISTO	030502060307	CHARLESTON	FISHING CREEK AT SANDY CREEK CONFLUENCE OF SHINGLE CREEK AND BAILEY CREEK (D7-01)	13-05	SHELLFISH	FC
3		EDISTO	030502060307	CHARLESTON	STORE CREEK OPPOSITE HOUSE WITH DOCKS ON RIGHT	13-07	SHELLFISH	FC
3		EDISTO	030502060307	COLLETON	FISHING CREEK AT POLLUTION LINE	13-10	SHELLFISH	FC
3		EDISTO	030502060307	CHARLESTON	SHINGLE CREEK AND MILTON CREEK CONFLUENCE	13-28	SHELLFISH	FC
3		EDISTO	030502060307	CHARLESTON	BAILEY CREEK, FIRST BEND ADJACENT TO BLUFF ON BAILEYISLAND (NEAR CONFLUENCE WITH ST. PIERRE CREEK) (13-29	SHELLFISH	FC
3		EDISTO	030502060307	CHARLESTON	BAILEY CREEK AT CONFLUENCE WITH UNNAMED TRIBUTARY NEAR SOUTHWESTERN POINT OF SCANAWAH ISLAND (C7-01)	13-30	SHELLFISH	FC

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3		EDISTO	030502060307	CHARLESTON	UNNAMED TRIB TO FISHING CREEK 0.8 MILES UPSTREAM FROM INACTIVE SHELLFISH SITE 13-05A	RT-11016	AL	TURBIDITY
3		EDISTO	030502060308	COLLETON	SCOTT CREEK AT THE MOUND	13-01	SHELLFISH	FC
3		EDISTO	030502060308	CHARLESTON	ALLIGATOR CREEK AND S. FORK EDISTO RVR NORTHERN CONFLUENCE	13-20	SHELLFISH	FC
3		EDISTO	030502060308	CHARLESTON	BIG BAY CR. HDWTRS AT FIRST BEND TO RIGHT PAST THE NECK	13-21	SHELLFISH	FC
3		EDISTO	030502060308	CHARLESTON	FRAMPTON INLET AT NORTH END OF JEREMY CAY	13-24	SHELLFISH	FC
3		EDISTO	030502060308	CHARLESTON	S EDISTO RVR AT NORTHERN CONFLUENCE WITH ALLIGATOR CREEK -13-20	MD-260	AL	TURBIDITY
3		EDISTO	030502060308	COLLETON	SOUTH EDISTO RIVER, 1 M MW OF EDISTO BEACH	RO-01123	AL	NH3N, TURBIDITY
3		EDISTO	030502060308	COLLETON	SOUTH EDISTO RIVER 0.7 MILES SOUTHWEST OF BIG BAY CREEK	RO-08355	AL	TURBIDITY
3		EDISTO	030502060308	COLLETON	SOUTH EDISTO RIVER APPROX 1.1 MI NNW OF SHELLFISH SITE 13-20	RO-12320	AL	TURBIDITY
3		EDISTO	030502060308	COLLETON	SOUTH EDISTO RIVER APPROX 0.2 MIL WSW OF SHELLFISH SITE 13-31A	RO-12323	AL	TURBIDITY
3		EDISTO	030502060308	COLLETON	MIDDLE OF ALLIGATOR CREEK TRIBUTARY TO SOUTH EDISTO RIVER	RT-12023	AL	TURBIDITY
3		EDISTO	030502060308	COLLETON	SCOTT CREEK APPROX 0.6 MI E OF SC 174 BRIDGE	RT-13057	AL	TURBIDITY
3		EDISTO	030502060308	COLLETON	SCOTT CREEK APPROX 0.6 MI E OF SC 174 BRIDGE	RT-13057	REC	ENTERO
3		EDISTO	030502060402	CHARLESTON	RAVEN POINT CREEK AT CONFLUENCE WITH CHURCH CREEK	12A-29	SHELLFISH	FC
3		EDISTO	030502060402	CHARLESTON	CHURCH CREEK AT DRAINAGE DISCHARGE 1/8 MILE EAST OF POWER LINES, NORTH BANK OF	12A-38	SHELLFISH	FC
3		EDISTO	030502060402	CHARLESTON	PINE CREEK AT FIRST FORK	12A-40	SHELLFISH	FC
3		EDISTO	030502060402	CHARLESTON	CHURCH CREEK AND NEW CUT CONFLUENCE	12A-41	SHELLFISH	FC
3		EDISTO	030502060402	CHARLESTON	CHURCH CREEK, MOUTH AT MARKER #77	12B-01	SHELLFISH	FC
3		EDISTO	030502060402	CHARLESTON	WADMALAW SOUND AT GOSHEN POINT, MARKER #69	12B-02	SHELLFISH	FC
3		EDISTO	030502060403	CHARLESTON	LEADENWAH CREEK, AFTER FOURTH BEND AT THE FORK	12B-56	SHELLFISH	FC
3		EDISTO	030502060403	CHARLESTON	UNNAMED CREEK TO LEADENWAH CREEK 3.7 MI NW OF ROCKVILLE	RT-052099	AL	TURBIDITY
3		EDISTO	030502060404	CHARLESTON	S.C. HIGHWAY 700 BRIDGE OVER BOHICKET CREEK	12A-14	SHELLFISH	FC
3		EDISTO	030502060404	CHARLESTON	BOHICKET CREEK OPPOSITE HOOPSTICK ISLAND	12A-20	SHELLFISH	FC
3		EDISTO	030502060404	CHARLESTON	BOHICKET CREEK OPPOSITE OLD DAM BEHIND RAST HOUSE RESTAURANT	12A-21	SHELLFISH	FC
3		EDISTO	030502060404	CHARLESTON	CHURCH CREEK ~ 350 YDS WEST S.C. HWY.700 BRIDGE	12A-39	SHELLFISH	FC
3		EDISTO	030502060404	CHARLESTON	BOHICKET CREEK MIDWAY BETWEEN STATIONS 21 AND 22 AT SMALL UNNAMED TRIBUTARY ON WEST BANK	12A-46	SHELLFISH	FC
3		EDISTO	030502060404	CHARLESTON	CHURCH CR AT SC 700 1 MI SW OF CEDAR SPRINGS	MD-195	AL	DO
3		EDISTO	030502060404	CHARLESTON	BOHICKET CK AT FICKLING CK	MD-209	AL	DO
3		EDISTO	030502060404	CHARLESTON	BOHICKET CK 3 MI SW SC 700 BRIDGE	RO-036041	AL	DO
3		EDISTO	030502060404	CHARLESTON	BOHICKET CREEK ABOUT 50 YARDS NORTHEAST OF SHELLFISH SITE 12A-20.	RT-09111	AL	DO
3		EDISTO	030502060404	CHARLESTON	BOHICKET CREEK ABOUT 50 YARDS NORTHEAST OF SHELLFISH SITE 12A-20.	RT-09111	REC	ENTERO
3		EDISTO	030502060404	CHARLESTON	CHURCH CREEK APPROX 0.5 MI NW OF SC 700 BRIDGE -0.25 MI NW 12A-39	RT-13044	AL	DO
3		EDISTO	030502060404	CHARLESTON	CHURCH CREEK APPROX 0.5 MI NW OF SC 700 BRIDGE -0.25 MI NW 12A-39	RT-13044	REC	ENTERO

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3		EDISTO	030502060405	CHARLESTON	RUSSEL CREEK AND CREEK FARM ROAD	12B-43A	SHELLFISH	FC
3		EDISTO	030502060405	CHARLESTON	SAND CREEK BRIDGE AT HIGHWAY 174	12B-47	SHELLFISH	FC
3		EDISTO	030502060405	CHARLESTON	SAND CREEK AT INTAKE TO WESTENDORF CLAM FARM	12B-50	SHELLFISH	FC
3		EDISTO	030502060405	CHARLESTON	DAWHO RIVER, MARKER #126	12B-53	SHELLFISH	FC
3		EDISTO	030502060405	CHARLESTON	TOM POINT CREEK 3 BENDS US STATION 3	12B-54	SHELLFISH	FC
3		EDISTO	030502060405	CHARLESTON	DAWHO RVR AT SC 174 9 MI N OF EDISTO BCH SP	MD-120	REC	ENTERO
3		EDISTO	030502060405	CHARLESTON	NORTH EDISTO RIVER 200 YARDS FROM THE MOUTH OF WEST BANK CREEK	RO-08343	AL	TURBIDITY
3		EDISTO	030502060405	CHARLESTON	WESTBANK CREEK APPROX 210 YDS IN FROM MOUTH/SHELLFISH SITE 12B-07	RO-14356	AL	DO
3		EDISTO	030502060405	CHARLESTON	DAWHO RIVER, 10.5 M N OF EDISTO BEACH	RT-01665	AL	DO, TURBIDITY
3		EDISTO	030502060405	CHARLESTON	FISHING CK NEAR JEHOSSEE ISLAND	RT-02005	AL	TURBIDITY
3		EDISTO	030502060405	CHARLESTON	DAWHO RIVER 0.2 MI US OF CONFLUENCE WITH NORTH CREEK/ICWW	RT-07055	REC	ENTERO
3		EDISTO	030502060405	CHARLESTON	PRIVATEER CREEK AT SPLIT TO TWO MAIN BRANCHES	RT-14076	AL	DO
3		PEEDEE	030402010402	CHESTERFIELD	THOMPSON CRK. AT SC 109	PD-673	AL	PH
3		PEEDEE	030402010402	CHESTERFIELD	CLAY CREEK AT S-13-55	RS-02305	AL	DO
3		PEEDEE	030402010403	CHESTERFIELD	DEEP CREEK 75 FT UPSTREAM OF SC 9, 5.5 M W OF CHESTERFIELD	RS-01013	AL	TURBIDITY
3		PEEDEE	030402010406	CHESTERFIELD	LITTLE BEAR CREEK AT CULVERT ON SHAG RD BTWN S-13-399 AND SC 109	RS-12064	REC	ECOLI
3		PEEDEE	030402010407	CHESTERFIELD	NORTH PRONG CRK. AT SC 102	PD-677	AL	BIO
3		PEEDEE	030402010408	CHESTERFIELD	INDIAN CK AT SCOTCH ROAD JUST OFF OF SC 102	RS-10377	AL	DO
3		PEEDEE	030402010408	CHESTERFIELD	INDIAN CK AT SCOTCH ROAD JUST OFF OF SC 102	RS-10377	REC	ECOLI
3		PEEDEE	030402010411	CHESTERFIELD	THOMPSON CK AT S-13-148 S OF CHERAW	PD-338	AL	PH
3		PEEDEE	030402010411	CHESTERFIELD	THOMPSON CK AT S-13-148 S OF CHERAW	PD-338	REC	ECOLI
3		PEEDEE	030402010501	CHESTERFIELD	WESTFIELD CREEK AT US 52	PD-339	REC	ECOLI
3		PEEDEE	030402010501	CHESTERFIELD	WESTFIELD CREEK AT SR 62	PD-641	AL	BIO
3		PEEDEE	030402010504	MARBORO	PEE DEE RVR AT US 1 NE CHERAW	PD-012	FISH	HG, PCB
3		PEEDEE	030402010504	MARBORO	PEE DEE RVR AT US 1 NE CHERAW	PD-012	REC	ECOLI
3		PEEDEE	030402010506	MARBORO	LIGHTWOOD KNOT CRK. @ SR 166	PD-713	AL	BIO
3		PEEDEE	030402010506	MARBORO	LAKE WALLACE EAST SHORE NEAR PICNIC AREA	RL-05398	AL	CHLA, TP, TURBIDITY
3		PEEDEE	030402010506	MARBORO	LAKE WALLACE 0.6 MILES NORTH OF THE SKI IMPOUNDMENT BOAT LANDING. SITE IS LOCATED ABOUT MID CHANNEL	RL-09100	AL	CHLA, PH, TP, TURBIDITY
3		PEEDEE	030402010510	DARLINGTON	GREAT PEE DEE RVR AT US 15 AND 401	PD-015	FISH	HG, PCB
3		PEEDEE	030402010510	DARLINGTON	GREAT PEE DEE RVR AT US 15 AND 401	PD-015	REC	ECOLI

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PRIORITY RANK	NOTE	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)
3		PEEDEE	030402010602	CHESTERFIELD	CATTAIL BRANCH AT S-13-54 EVANS MILL ROAD	RS-16312	REC	ECOLI
3		PEEDEE	030402010606	DARLINGTON	LK ROBINSON IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES FROM PRIVATE ACCESS	CL-094	AL	PH
3		PEEDEE	030402010606	CHESTERFIELD	BLACK CK AT US 1	PD-251	AL	PH
3		PEEDEE	030402010606	CHESTERFIELD	BLACK CK AT US 1	PD-251	REC	ECOLI
3		PEEDEE	030402010606	CHESTERFIELD	LK ROBINSON AT S-13-346 5 MI E MCBEE BY BOAT	PD-327	AL	PH
3		PEEDEE	030402010606	CHESTERFIELD	LK ROBINSON AT S-13-346 5 MI E MCBEE BY BOAT	PD-327	FISH	HG
3		PEEDEE	030402010606	DARLINGTON	LAKE ROBINSON APPROX 180 YDS SE OF END OF HAWK HILL DR	RL-14092	AL	PH
3		PEEDEE	030402010606	CHESTERFIELD	LAKE ROBINSON APPROX 110 YDS S OF ISLAND W OF SANDY POINT RD -S-13-928	RL-14151	AL	PH
3		PEEDEE	030402010606	DARLINGTON	LAKE ROBINSON 1 MILE UPSTREAM OF THE DAM	RL-15011	AL	PH
3		PEEDEE	030402010704	DARLINGTON	BLACK CREEK NEAR DIRT ROAD OFF COUNTY RD 41, 6 M NE OF HARTSVILLE	RS-01043	AL	CU
3		PEEDEE	030402010707	DARLINGTON	ON SWIFT CREEK ABOVE CONFLUENCE OF SWIFT CREEK AND BLACK CREEK; ON SWIFT CREEK BANK (NO BRIDGE) ON B	BCLT-12	REC	ECOLI
3		PEEDEE	030402010707	DARLINGTON	60" TILE DISCHARGING TO DITCH ACROSS RD AT DARLINGTON STP	PD-141	AL	NH3N
3		PEEDEE	030402010707	DARLINGTON	TRIBUTARY TO SWIFT CREEK AT COUNTY RD 213 JUST NORTH OF DARLINGTON	RS-01023	AL	CU
3		PEEDEE	030402010707	DARLINGTON	INDIAN CK AT SC 34, 7.4 MI W OF DARLINGTON	RS-11008	REC	ECOLI
3		PEEDEE	030402010707	DARLINGTON	SWIFT CREEK AT SC 34 CASHUA FERRY ROAD	RS-15260	REC	ECOLI
3		PEEDEE	030402010710	FLORENCE	BLACK CREEK AT SC 327	PD-078	AL	DO
3		PEEDEE	030402010710	FLORENCE	BLACK CREEK AT SC 327	PD-078	REC	ECOLI
3		PEEDEE	030402010710	FLORENCE	BLACK CREEK @ SC 327	PD-623	FISH	HG
3		PEEDEE	030402010710	FLORENCE	ASHBY BRANCH AT CULVERT ON S-21-1511(CLARK ST) WHICH IS NEXT TO QUINBY UNITED METHODIST CHURCH	RS-06027	AL	DO, PH
3		PEEDEE	030402010802	DARLINGTON	BUCKHOLTZ CREEK @ UNPAVED RD OFF S-16-41	PD-637	AL	BIO
3		PEEDEE	030402010804	MARBORO	HAGINS PRONG AT SC ROUTE 381	PD-336	REC	ECOLI
3		PEEDEE	030402010805	MARBORO	GREAT PEE DEE RIVER @ BLUE'S LANDING	PD-242	FISH	HG, PCB
3		PEEDEE	030402010806	MARBORO	PEE DEE RIVER AT END OF S-35-611 TOM BLUE LANDING ROAD AT BLUES -HUNTS BLUFF- LANDING	RS-02471	AL	DO
3		PEEDEE	030402010808	DARLINGTON	PEE DEE RVR AT SC 34 11 MI NE DARLINGTON	PD-028	FISH	HG, PCB
3		PEEDEE	030402010809	DARLINGTON	FOUNTAIN BRANCH S-16-35 NORTH OF SC 34	RS-12072	AL	DO
3		PEEDEE	030402010809	DARLINGTON	FOUNTAIN BRANCH S-16-35 NORTH OF SC 34	RS-12072	REC	ECOLI
3		PEEDEE	030402010810	DARLINGTON	LOUTHER'S LAKE	PD-666	FISH	HG

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3		PEEDEE	030402010901	FLORENCE	MIDDLE SWP AT SC 51 3.5 MI SSE OF FLORENCE	PD-230	AL	DO
3		PEEDEE	030402010902	DARLINGTON	JEFFRIES CK AT SC 340 6.8 MI SSW OF DARLINGTON	PD-255	AL	DO
3		PEEDEE	030402010902	FLORENCE	JEFFRIES CK AT S-21-112 4.8 MI W OF FLORENCE	PD-256	AL	DO
3		PEEDEE	030402010902	DARLINGTON	JEFFERIES CREEK AT S-16-13	PD-639	AL	BIO
3		PEEDEE	030402010904	FLORENCE	WILLOW CREEK AT SC 327	PD-630	AL	BIO
3		PEEDEE	030402011003	FLORENCE	GREAT PEE DEE RVR AT US 301/76	PD-337	AL	DO
3		PEEDEE	030402011003	FLORENCE	GREAT PEE DEE RVR AT US 301/76	PD-337	FISH	HG
3		PEEDEE	030402011102	MARION	SMITH SWP AT US 501 1.9 MI SSE OF MARION	PD-187	AL	DO
3		PEEDEE	030402011102	MARION	SMITH SWP AT S-34-19 1 MI E OF MARION	PD-320	AL	DO
3		PEEDEE	030402011105	MARION	CATFISH CANAL AT S-34-34 6 MI SW OF MARION	PD-097	AL	DO
3		PEEDEE	030402011105	MARION	CATFISH CANAL AT S-34-34 6 MI SW OF MARION	PD-097	REC	ECOLI
3		PEEDEE	030402011201	FLORENCE	GREAT PEE DEE RIVER @ DEWITT BLUFF	PD-622	FISH	HG
3		PEEDEE	030402011202	FLORENCE	GREAT PEE DEE RVR AT US 378	PD-076	FISH	HG
3		PEEDEE	030402011202	FLORENCE	GREAT PEE DEE RIVER @ BOSTICK	PD-662	FISH	HG
3		PEEDEE	030402020101	CHESTERFIELD	HILLS CREEK AT S-13-105	PD-333	AL	BIO
3	*	PEEDEE	030402020104	LANCASTER	FLAT CR. AT US 601	PD-182	AL	BIO
3	*	PEEDEE	030402020104	LANCASTER	FLAT CREEK AT S-29-99	RS-08233	AL	BIO
3		PEEDEE	030402020105	CHESTERFIELD	HILLS CREEK AT S-13-545	PD-366	AL	BIO
3		PEEDEE	030402020201	LANCASTER	LITTLE LYNCHES R. AT SR 88	PD-640	AL	BIO
3		PEEDEE	030402020202	LANCASTER	HANGING ROCK CRK. AT SR 770	PD-669	AL	PH
3		PEEDEE	030402020202	LANCASTER	UNNAMED TRIBUTARY TO HANGING ROCK CREEK AT CULVERT ON CO RD S-29-773. 3.25 MI SSE OF KERSHAW.	RS-04549	REC	ECOLI
3		PEEDEE	030402020203	LANCASTER	LITTLE LYNCHES R. AT SC 157	PD-632	AL	BIO
3		PEEDEE	030402020204	KERSHAW	LITTLE LYNCHES RVR AT S-28-20 -LOCKHART RD	RS-12076	REC	ECOLI
3		PEEDEE	030402020206	KERSHAW	LITTLE LYNCHES RIVER AT SC 341; 3.5 MI SE OF BETHUNE	PD-344	REC	ECOLI
3		PEEDEE	030402020301	CHESTERFIELD	FORK CK AT UN# RD 1.5 MI SW JEFFERSON	PD-068	AL	BIO
3		PEEDEE	030402020301	CHESTERFIELD	LITTLE FORK CRK. AT CO.RD. 39 UPSTREAM OF BREWER GOLD MINE	PD-647	AL	BIO
3		PEEDEE	030402020307	CHESTERFIELD	LYNCNES RVR AT US 1	PD-009	REC	ECOLI

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3	PEEDEE	030402020403	DARLINGTON	NEWMAN SWP AT S-16-449 0.9 MI NE OF LAMAR	PD-229	AL	DO	
3	PEEDEE	030402020405	FLORENCE	SPARROW SWAMP AT US 76 1.1 MI SOUTHWEST OF TIMMONSVILLE. SITE IS A USGS GAUGING SITE.	RS-04548	AL	CR, CU, NI	
3	PEEDEE	030402020406	FLORENCE	LAKE SWAMP AT S-21-106, SECOND BRIDGE W OF INTERSECTION WITH S-21-45, FIRST BRIDGE COMING E FROM S-2	RS-12084	AL	DO	
3	PEEDEE	030402020503	LEE	LYNCHE'S RVR AT US 15/SC 34	PD-071	FISH	HG	
3	PEEDEE	030402020503	LEE	COUSAR BR 1/4 MI BELOW BISHOPVILLE FINISHING CO	PD-112	REC	ECOLI	
3	PEEDEE	030402020504	DARLINGTON	LYNCHE'S RIVER AT US 401	PD-364	FISH	HG	
3	PEEDEE	030402020504	DARLINGTON	LYNCHE'S RIVER AT US 401	PD-364	REC	ECOLI	
3	PEEDEE	030402020601	FLORENCE	CAMP BRANCH AT S-21-278	PD-346	AL	DO	
3	PEEDEE	030402020601	FLORENCE	CAMP BRANCH AT S-21-278	PD-346	REC	ECOLI	
3	PEEDEE	030402020602	FLORENCE	SINGLETON SWAMP AT S-21-67	PD-314	AL	DO	
3	PEEDEE	030402020602	FLORENCE	LONG BRANCH AT CULVERT AT MOULDS RD. THIS CULVERT IS AT THE END OF PAVEMENT COMING FROM BEULAH RD	RS-10397	REC	ECOLI	
3	PEEDEE	030402020603	FLORENCE	LAKE SWAMP AT US 378	PD-085	AL	DO	
3	PEEDEE	030402020603	FLORENCE	LAKE SWAMP ON SC 341	PD-086A	AL	DO	
3	PEEDEE	030402020604	FLORENCE	LAKE SWAMP AT SC 341 2.6 MI W OF JOHNSONVILLE	PD-087	AL	DO	
3	PEEDEE	030402020604	FLORENCE	LAKE SWAMP AT SC 341 2.6 MI W OF JOHNSONVILLE	PD-087	REC	ECOLI	
3	PEEDEE	030402020701	FLORENCE	LYNCHE'S RVR AT US 52 NEAR EFFINGHAM	PD-041	AL	PH	
3	PEEDEE	030402020701	FLORENCE	LYNCHE'S RIVER @ US 52	PD-624	FISH	HG	
3	PEEDEE	030402020703	FLORENCE	BIG SWP AT US 378 & SC 51 0.9 MI W OF SALEM	PD-169	AL	DO	
3	PEEDEE	030402020704	FLORENCE	LYNCHE'S RVR AT S-21-49 5 MI NW JOHNSONVILLE	PD-281	AL	DO	
3	PEEDEE	030402020705	FLORENCE	LYNCHE'S RIVER @ JOHNSONVILLE	PD-048	FISH	HG	
3	PEEDEE	030402031302	DILLON	CANAAN BRANCH AT S-17-22 -ARNETTE ROAD	RS-13127	REC	ECOLI	
3	PEEDEE	030402031303	DILLON	ASHPOLE SWAMP AT PRIVATE ROAD (SEE LAKE VIEW QUAD)	PD-347	AL	DO	
3	PEEDEE	030402031404	HORRY	LUMBER RVR AT US 76 AT NICHOLS	PD-038	AL	DO	
3	PEEDEE	030402031404	HORRY	LUMBER RVR AT US 76 AT NICHOLS	PD-038	FISH	HG	
3	PEEDEE	030402031404	HORRY	LUMBER RIVER @ CAUSEY LANDING	PD-664	FISH	HG	

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3		PEEDEE	030402040403	DILLON	BUCK SWP AT S-17-33	PD-031	AL	DO
3		PEEDEE	030402040404	DILLON	BUCK SWAMP AT S-17-42	PD-349	AL	DO
3		PEEDEE	030402040404	DILLON	BUCK SWAMP AT S-17-42	PD-349	REC	ECOLI
3		PEEDEE	030402040504	DILLON	LITTLE PEE DEE RIVER @ MOCOCASIN'S BLUFF	PD-283	FISH	HG
3		PEEDEE	030402040506	DILLON	LITTLE PEE DEE RVR BELOW JCT WITH MAPLE SWP	PD-030A	FISH	HG
3		PEEDEE	030402040506	DILLON	LITTLE PEE DEE RIVER @ FLOYDALE BRIDGE	PD-618	FISH	HG
3		PEEDEE	030402040508	MARION	LITTLE PEE DEE RIVER @ GILCREST LANDING	PD-053	FISH	HG
3		PEEDEE	030402040601	HORRY	BOB'S BRANCH AT BRIDGE ON S-26-637 2.2 MI N OF GREEN SEA	RS-06009	AL	DO
3		PEEDEE	030402040604	HORRY	LAKE SWAMP AT S-26-99	PD-176	REC	ECOLI
3		PEEDEE	030402040604	HORRY	LOOSING SWAMP AT S-26-23 3.7 MI NE OF AYNOR	RS-03513	AL	DO
3		PEEDEE	030402040604	HORRY	BRIDGE OVER LAKE SWAMP AT S-26-23 -S NICHOLS HWY	RS-13111	REC	ECOLI
3		PEEDEE	030402040702	HORRY	BRUNSON SWAMP AT S-26-99	PD-370	REC	ECOLI
3		PEEDEE	030402040801	HORRY	CEDAR CREEK AT S-26-23	PD-351	AL	DO
3		PEEDEE	030402040803	HORRY	LITTLE PEE DEE RIVER @ SANDY BLUFF	PD-054	FISH	HG
3		PEEDEE	030402040803	MARION	LITTLE PEE DEE RIVER @ RED BLUFF	PD-654	FISH	HG
3		PEEDEE	030402040803	MARION	WHITE OAK CREEK AT US 76 SITE IS LOCATED AT THE TOWN OF MULLINGS CITY LIMITS SIGN NEXT TO SMITHBORO	RS-08229	REC	ECOLI
3		PEEDEE	030402040804	MARION	LITTLE PEE DEE RIVER @ GALAVANTS FERRY	PD-619	FISH	HG
3		PEEDEE	030402040804	MARION	LITTLE PEE DEE RIVER @ DAVIS LANDING	PD-655	FISH	HG
3		PEEDEE	030402040806	HORRY	PALMETTO SWAMP @ SR 99	PD-702	REC	ECOLI
3		PEEDEE	030402040808	MARION	LITTLE PEE DEE RIVER @ LOCUST TREE LANDING	PD-656	FISH	HG
3		PEEDEE	030402040808	HORRY	LITTLE PEE DEE RIVER @ GUNTER'S LAKE	PD-657	FISH	HG
3		PEEDEE	030402040808	HORRY	LITTLE PEE DEE @ HUGHES LANDING	PD-691	FISH	HG
3		PEEDEE	030402040810	HORRY	LITTLE PEE DEE RIVER OFF END OF S-26-135 AT PUNCHBOWL LANDING	PD-350	FISH	HG
3		PEEDEE	030402040810	HORRY	LITTLE PEE DEE RIVER @ HWY 378	PD-620	FISH	HG
3		PEEDEE	030402040810	MARION	LITTLE PEE DEE RIVER @ SAMPSON LANDING	PD-658	FISH	HG
3		PEEDEE	030402040810	MARION	RUSS CREEK @ PARKERS LANDING	PD-665	FISH	HG
3		PEEDEE	030402050103	LEE	BEAVER DAM CREEK AT S-31-313	PD-636	AL	BIO
3		PEEDEE	030402050104	LEE	MECHANICSVILLE SWAMP AT S-31-500	PD-356	REC	ECOLI
3		PEEDEE	030402050104	LEE	MCGIRTS CREEK AT COUNTY RD 73, 7.5 M SW OF BISHOPVILLE	RS-01017	AL	DO

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3	PEEDEE	030402050105	LEE	GUM SPRING BRANCH AT BRIDGE ON S-31-162 OFF SC 34	RS-09095	AL	DO	
3	PEEDEE	030402050205	SUMTER	BLACK RIVER AT S-43-57	PD-353	AL	DO	
3	PEEDEE	030402050301	SUMTER	GREEN SWP AT S-43-33	PD-039	AL	DO	
3	PEEDEE	030402050302	SUMTER	NASTY BR AT S-43-251 7.5 MI SW OF SUMTER	PD-239	AL	DO	
3	PEEDEE	030402050303	SUMTER	BRUNSON SWAMP CREEK AT S-43-251 - 1.3 MI W OF SC 120 - 9.25 MI SW SUMTER	RS-03345	AL	DO, PH	
3	PEEDEE	030402050401	SUMTER	TURKEY CREEK AT US 521	PD-040	AL	DO, NH3N	
3	PEEDEE	030402050401	SUMTER	TURKEY CREEK AT US 521	PD-040	FISH	HG	
3	PEEDEE	030402050401	SUMTER	POCOTALIGO RVR AT US 15 3.5 MI S SUMTER	PD-091	AL	DO	
3	PEEDEE	030402050401	SUMTER	POCOTALIGO RVR AT S-43-32 9 MI SSE OF SUMTER	PD-202	AL	BIO	
3	PEEDEE	030402050401	SUMTER	BRIAR BRANCH AT S-43-459	PD-617	AL	PH	
3	PEEDEE	030402050404	CLARENDON	BIG BR. AT SC 261	PD-627	AL	BIO	
3	PEEDEE	030402050406	CLARENDON	DEEP CREEK AT S-14-25 AND 1.2 MI NE OF BLOOMVILLE	RS-03347	AL	DO, PH	
3	PEEDEE	030402050407	CLARENDON	POCOTALIGO RVR AT S-14-50 9.5 MI NE MANNING	PD-043	AL	DO	
3	PEEDEE	030402050407	CLARENDON	POCOTALIGO RVR AT S-14-50 9.5 MI NE MANNING	PD-043	FISH	HG	
3	PEEDEE	030402050502	FLORENCE	DOUGLAS SWAMP OFF THIGPEN ROAD BEHIND WHITE HOUSE, 3.5 M E OF TURBEVILLE	RS-01002	AL	DO	
3	PEEDEE	030402050505	WILLIAMSBURG	PUDDING SWP AT SC 527 8.1 MI NW OF KINGSTREE	PD-203	AL	DO	
3	PEEDEE	030402050601	SUMTER	TEARCOAT BRANCH AT S-43-255, 8.6 MI SE OF SUMTER	RS-11003	REC	ECOLI	
3	PEEDEE	030402050603	CLARENDON	BLACK RVR AT S-14-40 E OF MANNING	PD-116	REC	ECOLI	
3	PEEDEE	030402050604	WILLIAMSBURG	BLACK RVR AT S-45-35 8.6 MI NW OF KINGSTREE	PD-227	AL	DO	
3	PEEDEE	030402050701	WILLIAMSBURG	CLAPP SWAMP AT SC 527	RS-02325	AL	DO	
3	PEEDEE	030402050702	FLORENCE	KINGSTREE SWAMP AT S-21-514	RS-10381	REC	ECOLI	
3	PEEDEE	030402050710	WILLIAMSBURG	BLACK RVR AT US 52 AT KINGSTREE	PD-044	FISH	HG	
3	PEEDEE	030402050805	WILLIAMSBURG	BLACK MINGO CREEK AT S-45-121	PD-360	AL	DO	
3	PEEDEE	030402050805	WILLIAMSBURG	BLACK MINGO CREEK AT S-45-121	PD-360	REC	ECOLI	

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3		PEEDEE	030402050806	GEORGETOWN	BLACK MINGO CK AT SC 41 14 MI NE OF ANDREWS	PD-172	FISH	HG
3		PEEDEE	030402050806	GEORGETOWN	BLACK MINGO CREEK AT COWHEAD LANDING OFF SC 51	PD-361	AL	DO
3		PEEDEE	030402050806	GEORGETOWN	SMITH SWAMP AT BRIDGE ON SC 51 12.2 MI S OF HEMINGWAY	RS-06189	AL	DO
3		PEEDEE	030402050903	WILLIAMSBURG	SPRING GULLY AT BRIDGE ON US 521 3.8 MI NE OF TRIO	RS-04533	AL	BIO
3		PEEDEE	030402050906	GEORGETOWN	BLACK RIVER @ PINE TREE LANDING	PD-046	FISH	HG
3		PEEDEE	030402050906	GEORGETOWN	BLACK RVR AT SC 51 11.6 MI NE OF ANDREWS	PD-170	AL	DO
3		PEEDEE	030402050906	GEORGETOWN	BLACK RVR AT SC 51 11.6 MI NE OF ANDREWS	PD-170	FISH	HG
3		PEEDEE	030402050906	WILLIAMSBURG	BLACK RIVER @ PUMPHOUSE LANDING	PD-626	FISH	HG
3		PEEDEE	030402050906	GEORGETOWN	BLACK RIVER @ OLD PUMP STATION	PD-659	FISH	HG
3		PEEDEE	030402050906	GEORGETOWN	BLACK RIVER @ PEA HOUSE LANDING	PD-692	FISH	HG
3		PEEDEE	030402050908	GEORGETOWN	GREENS CREEK AT S-22-318 (JOHNSON ROAD) 7.7 MI NW OF GEORGETOWN	RS-03353	REC	ECOLI
3		PEEDEE	030402050909	GEORGETOWN	BLACK RIVER @ PETER'S CREEK	PD-171	FISH	HG
3		PEEDEE	030402050909	GEORGETOWN	BLACK RIVER @ ROCKY POINT	PD-660	FISH	HG
3		PEEDEE	030402050910	GEORGETOWN	BLACK RVR AT S-22-489 4 MI NE GEORGETOWN	PD-325	REC	ENTERO
3		PEEDEE	030402050910	GEORGETOWN	BLACK RIVER @ PRINGLE'S FERRY	PD-661	FISH	HG
3		PEEDEE	030402060704	HORRY	WACCAMAW RVR AT SC 9 7.0 MI W OF CHERRY GROVE	MD-124	FISH	HG
3		PEEDEE	030402060705	HORRY	SIMPSON CREEK AT SC 905	PD-363	REC	ECOLI
3		PEEDEE	030402060802	HORRY	HELLHOLE SWAMP AT S-26-67 6.6 MI SW OF LORIS	RS-05561	AL	DO
3		PEEDEE	030402060802	HORRY	BUG SWAMP AT US 701; BROAD STREET	RS-16335	REC	ECOLI
3		PEEDEE	030402060803	HORRY	KINGSTON LK NR PUMP STA ON LAKESIDE DR CONWAY	MD-107	AL	DO
3		PEEDEE	030402060803	HORRY	KINGSTON LK NR PUMP STA ON LAKESIDE DR CONWAY	MD-107	REC	ECOLI
3		PEEDEE	030402060803	HORRY	CRAB TREE SWAMP AT LONG ST BL OUTFALL OF CONWAY #1 POND	MD-158	AL	DO
3		PEEDEE	030402060803	HORRY	CRAB TREE SWAMP AT LONG ST BL OUTFALL OF CONWAY #1 POND	MD-158	REC	ECOLI
3		PEEDEE	030402060803	HORRY	CRAB TREE SWAMP AT BRIDGE ON US 501 1.5 MI NW OF CONWAY	RS-04375	REC	ECOLI
3		PEEDEE	030402060803	HORRY	BROWN SWAMP AT US 701	RS-10389	AL	DO
3		PEEDEE	030402060902	HORRY	WACCAMAW RIVER @ SC 31	CSTL-553	FISH	HG
3		PEEDEE	030402060902	HORRY	WACCAMAW RIVER @ SEC RD 105	CSTL-554	FISH	HG
3		PEEDEE	030402060903	HORRY	STERITT SWAMP AT BRIDGE ON UNNUMBERED DIRT RD-STERITT SWAMP RD-ACROSS FROM HORRY CO SOLID WASTE AUT	RS-06165	AL	DO
3		PEEDEE	030402060903	HORRY	STERITT SWAMP AT BRIDGE ON UNNUMBERED DIRT RD-STERITT SWAMP RD-ACROSS FROM HORRY CO SOLID WASTE AUT	RS-06165	REC	ECOLI
3		PEEDEE	030402060904	HORRY	WACCAMAW RIVER @ SEC RD 901	CSTL-555	FISH	HG

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3		PEEDEE	030402060905	HORRY	WACCAMAW RIVER @ PITCH LANDING	CSTL-556	FISH	HG
3		PEEDEE	030402060905	HORRY	WACCAMAW RIVER @ TODDVILLE	MD-144	FISH	HG
3		PEEDEE	030402060905	HORRY	BEAR SWAMP AT S-26-110	PD-638	AL	BIO
3		PEEDEE	030402060906	HORRY	INTRACOASTAL WATERWAY @ SOCASTEE	CSTL-558	FISH	HG
3		PEEDEE	030402060906	HORRY	INTRACOASTAL WTRWAY AT SC 544 7.5 MI SW OF MYRTLE BEACH	MD-127	AL	PH
3		PEEDEE	030402060906	HORRY	UNNAMED TRIBUTARYTO INTERCOASTAL WATERWAY AT SC 707 1.2 MI ENE OF SOCASSEE & SC 544	RS-03332	REC	ECOLI
3		PEEDEE	030402060906	HORRY	INTRACOASTAL WATERWAY APPROXIMATELY 300 YARDS WSW OF US 501 AT DOCK BEHIND MYRTLE BEACH CLARION HOTE	RS-16307	AL	PH
3		PEEDEE	030402060907	HORRY	WACCAMAW RVR 1/4 MI UPSTRM OF JCT WITH INTRACOASTAL WTRWY	MD-136	FISH	HG
3		PEEDEE	030402060907	HORRY	WACCAMAW RVR 1 MI DS OF BUCKSVILLE LANDING AT BIG BEND IN RVR	MD-145	FISH	HG
3		PEEDEE	030402061002	HORRY	WACCAMAW RIVER @ BUCKSPORT LANDING	CSTL-557	FISH	HG
3		PEEDEE	030402061002	GEORGETOWN	WACCAMAW RVR AT CHANNEL MARKER 57	MD-138	FISH	HG
3		PEEDEE	030402061003	GEORGETOWN	WACCAMAW RIVER @ SANDY ISLAND	MD-140	FISH	HG
3		PEEDEE	030402061003	GEORGETOWN	WACCAMAW RIVER @ HAGLEY LANDING	MD-141	FISH	HG
3		PEEDEE	030402070103	GEORGETOWN	SAMPIT RVR BTWN MOUTHS OF PORTS CK & PENNY ROYAL CK	MD-075	AL	DO
3		PEEDEE	030402070106	GEORGETOWN	SAMPIT RVR OPP AMER CYANAMID CHEM CO	MD-073	AL	DO, PH
3		PEEDEE	030402070106	GEORGETOWN	SAMPIT RVR AT CHANNEL MARKER #30	MD-074	AL	DO, PH
3		PEEDEE	030402070106	GEORGETOWN	SAMPIT RVR AT US 17	MD-077	AL	DO, PH
3		PEEDEE	030402070106	GEORGETOWN	WHITES CK 100 YDS UPSTRM OF JCT WITH SAMPIT RVR	MD-149	AL	DO
3		PEEDEE	030402070106	GEORGETOWN	SAMPIT RIVER APPROXIMATELY 1.4 MILES WEST OF US 17 BRIDGE	PD-628	FISH	HG
3		PEEDEE	030402070203	WILLIAMSBURG	CLARKS CREEK @ SNOW LAKE	PD-317	FISH	HG
3		PEEDEE	030402070203	WILLIAMSBURG	GREAT PEE DEE RIVER @ STAPLES LAKE	PD-621	FISH	HG
3		PEEDEE	030402070204	GEORGETOWN	PEE DEE RVR AT PETERS FIELD LANDING OFF S-22-36 US IP PUMP STATION	PD-060	FISH	HG
3		PEEDEE	030402070204	GEORGETOWN	PEE DEE RIVER AT PORTS HILL LANDING AT THE END OF CO RD S-22-753 9.5 MI SE OF HEMINGWAY SAMPLE SHOUL	RS-04377	REC	ECOLI
3		PEEDEE	030402070205	HORRY	GREAT PEE DEE RIVER ABOVE HWY 701 BRIDGE	CSTL-559	FISH	HG
3		PEEDEE	030402070207	GEORGETOWN	WINYAH BAY AT JCT OF PEE DEE & WACCAMAW AT MARKER 92	MD-080	AL	DO, PH
3		PEEDEE	030402070207	GEORGETOWN	GREAT PEE DEE RIVER @ SAMWORTH WMA	PD-663	FISH	HG
3		PEEDEE	030402070207	GEORGETOWN	CYPRESS CREEK AT BRIDGE ON S-22-264 1.5 MI SE OF PLANTERSVILLE	RS-06013	REC	ECOLI
3		PEEDEE	030402070208	GEORGETOWN	OYSTER BAY NEAR CUTOFF CREEK	05-05	SHELLFISH	FC
3		PEEDEE	030402070208	GEORGETOWN	MUD BAY AT NO MAN'S FRIEND CREEK	05-06	SHELLFISH	FC
3		PEEDEE	030402070208	GEORGETOWN	JONES CREEK AT MUD BAY	05-07	SHELLFISH	FC
3		PEEDEE	030402070208	GEORGETOWN	WINYAH BAY MAIN CHANNEL, BUOY 17, RANGE E	05-21	SHELLFISH	FC
3		PEEDEE	030402070208	GEORGETOWN	WINYAH BAY, TIP OF WESTERN CHANNEL ISLAND	05-25	SHELLFISH	FC

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3		PEEDEE	030402070208	GEORGETOWN	WINYAH BAY 3.8 MILES NNW OF GEORGETOWN LIGHT HOUSE	RO-15375	AL	TURBIDITY
3		PEEDEE	030402080301	HORRY	INTRACOASTAL WTRWAY AT PT 3 MI N OF BRDG ON US 501	MD-085	AL	PH
3		PEEDEE	030402080301	HORRY	INTRACOASTAL WTRWY -LITTLE RVR- ON SC 9 -US 17	MD-125	REC	ENTERO
3		PEEDEE	030402080301	HORRY	INTRACOASTAL WATERWAY @ NORTH MYRTLE	MD-163	FISH	HG
3		PEEDEE	030402080304	HORRY	42ND AVENUE - CHERRY GROVE	01-17	SHELLFISH	FC
3		PEEDEE	030402080304	HORRY	53RD AVENUE BRIDGE ON CANAL	01-17A	SHELLFISH	FC
3		PEEDEE	030402080304	HORRY	HOUSE CK AT 53RD AVE OUT FROM BOAT LANDING (01-19)	MD-276	AL	DO, ZN
3		PEEDEE	030402080304	HORRY	WAC-09A-WHITEPOINT SWASH	WAC-009A	REC	ENTERO
3		PEEDEE	030402080305	HORRY	LITTLE RIVER JETTY	01-01	SHELLFISH	FC
3		PEEDEE	030402080305	HORRY	MOUTH OF DUNN SOUND CREEK	01-02	SHELLFISH	FC
3		PEEDEE	030402080305	HORRY	BIG BEND UP DUNN SOUND CREEK	01-05	SHELLFISH	FC
3		PEEDEE	030402080305	HORRY	BRIDGE TO WAITES ISLAND	01-06	SHELLFISH	FC
3		PEEDEE	030402080305	HORRY	MILLKIN COVE JUST OFF THE LITTLE RIVER 0.4 MILES NORTH OF SHELLFISH SITE 01-04.	RO-11301	REC	ENTERO
3		PEEDEE	030402080305	HORRY	LITTLE RIVER INLET BETWEEN THE START OF THE JETTIES	RO-15365	REC	ENTERO
3		PEEDEE	030402080305	HORRY	BEAR BRANCH SWASH	WAC-015A	REC	ENTERO
3		PEEDEE	030402080306	HORRY	HOG INLET	01-07	SHELLFISH	FC
3		PEEDEE	030402080306	HORRY	DUNN SOUND AT HOG INLET	01-18	SHELLFISH	FC
3		PEEDEE	030402080306	HORRY	MAIN CREEK AT 53RD AVENUE	01-19	SHELLFISH	FC
3		PEEDEE	030402080306	HORRY	WHITE POINT SWASH	02-01	SHELLFISH	FC
3		PEEDEE	030402080306	HORRY	8TH AVE NORTH MB	WAC-021	REC	ENTERO
3		PEEDEE	030402080306	HORRY	WAC-025A-MIDWAY SWASH	WAC-025A	REC	ENTERO
3		PEEDEE	030402080307	HORRY	SINGLETON SWASH	02-02	SHELLFISH	FC
3		PEEDEE	030402080307	HORRY	CANEATCH SWASH	02-03	SHELLFISH	FC
3		PEEDEE	030402080307	HORRY	11TH AVE N SURFSIDE	WAC-031	REC	ENTERO
3		PEEDEE	030402080307	HORRY	13TH AVE S SURFSIDE	WAC-035	REC	ENTERO
3		PEEDEE	030402080308	HORRY	WITHERS SWASH	03-01	SHELLFISH	FC
3		PEEDEE	030402080308	HORRY	MIDWAY SWASH - PEBBLE BEACH	03-02	SHELLFISH	FC
3		PEEDEE	030402080308	GEORGETOWN	MAIN CREEK 160 YARDS UPSTREAM FROM SHELLFISH SITE 04-27.	RT-09113	REC	ENTERO
3		PEEDEE	030402080308	HORRY	34TH AVE NORTH MB	WAC-019	REC	ENTERO
3		PEEDEE	030402080310	GEORGETOWN	PARSONNAGE CREEK AT INLET PORT BASIN -04-17	MD-277	REC	ENTERO
3		PEEDEE	030402080310	GEORGETOWN	MAIN CREEK MURRELLS INLET 0.63 MILES NE OF MURRELLS INLET LANDING	RT-15105	REC	ENTERO
3		PEEDEE	030402080311	HORRY	WAC-016A-CANE PATCH SWASH MB	WAC-016A	REC	ENTERO
3		PEEDEE	030402080312	HORRY	WAC-020-24TH AVE NORTH MB	WAC-020	REC	ENTERO
3		PEEDEE	030402080312	HORRY	WAC-022A-WITHERS SWASH	WAC-022A	REC	ENTERO

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3		PEEDEE	030402080313	HORRY	WAC-028-PIRATELAND SWASH	WAC-028	REC	ENTERO
3		PEEDEE	030402080313	HORRY	OCEAN LAKES CG	WAC-029	REC	ENTERO
3		PEEDEE	030402080313	HORRY	WAC-29A-S OCEAN LAKES	WAC-029A	REC	ENTERO
3		PEEDEE	030402080313	HORRY	WAC-31A-SWASH AT 5TH	WAC-031A	REC	ENTERO
3		PEEDEE	030402080402	GEORGETOWN	DEBIDUE CREEK AT BOAT BASIN	05-13	SHELLFISH	FC
3		SALKEHATCHIE	030502060308	COLLETON	TRIB TO PINE ISLAND CK W OF PINE ISLAND	RT-02019	AL	CU
3		SALKEHATCHIE	030502070103	BARNWELL	LAKE EDGAR BROWN IN FOREBAY NEAR DAM	CL-064	AL	CHLA
3		SALKEHATCHIE	030502070103	BARNWELL	LAKE EDGAR BROWN 0.12 MI NE OF S-06-488 (WELLINGTON DR) 30 YARDS FROM EASTERN SHORE	RL-11120	AL	CHLA, NH3N
3		SALKEHATCHIE	030502070103	BARNWELL	LAKE EDGAR BROWN APPROX 30 YDS OFF WEST DIKE OPPOSITE END OF TURNER ST	RL-13136	AL	CHLA, TURBIDITY
3		SALKEHATCHIE	030502070201	ALLENDALE	JACKSON CRK. AT S-18	CSTL-051	REC	ECOLI
3		SALKEHATCHIE	030502070201	HAMPTON	JACKSON BRANCH AT S-25-28 BROAD ROAD	RS-15263	REC	ECOLI
3		SALKEHATCHIE	030502070202	HAMPTON	UNNAMED TRIB TO CAW CAW SWAMP AT CULVERT ON DIRT ROAD (HOGARTH RD.) BETWEEN S-25-28 AND S-25-38	RS-09118	REC	ECOLI
3		SALKEHATCHIE	030502070203	HAMPTON	WHIPPY SWAMP AT S-25-13	CSTL-076	REC	ECOLI
3		SALKEHATCHIE	030502070302	BAMBERG	LEMON CREEK AT S-74	CSTL-576	AL	BIO
3		SALKEHATCHIE	030502070401	BAMBERG	LITTLE SALKEHATCHIE RIVER AT S.C.- 70	CSTL-566	FISH	HG
3		SALKEHATCHIE	030502070505	COLLETON	WILLOW CRK. AT SR 42	CSTL-570	AL	BIO
3		SALKEHATCHIE	030502070508	COLLETON	LITTLE SALKEHATCHIE RIVER AT SC 63 -SNIDERS HWY	CSTL-120	FISH	HG
3		SALKEHATCHIE	030502070602	BAMBERG	SAVANNAH CREEK AT S.R.-87	CSTL-053	AL	BIO
3		SALKEHATCHIE	030502070603	ALLENDALE	SALKEHATCHIE RIVER AT U.S. 301 AND 321	CSTL-048	FISH	HG
3		SALKEHATCHIE	030502070603	BAMBERG	SALKEHATCHIE RIVER @ SC 641	CSTL-105	FISH	HG
3		SALKEHATCHIE	030502070604	COLLETON	RICEPATCH CRK. AT SC 63	CSTL-569	AL	BIO
3		SALKEHATCHIE	030502070606	COLLETON	SALKEHATCHIE RIVER AT SC 63	CSTL-104	REC	ECOLI
3		SALKEHATCHIE	030502070606	HAMPTON	SALKEHATCHIE RIVER @ US 601	CSTL-562	FISH	HG
3		SALKEHATCHIE	030502070701	COLLETON	UNNAMED TRIB TO BLACK CK AT S-15-193	RS-10356	REC	ECOLI
3		SALKEHATCHIE	030502070703	COLLETON	CUCKHOLD'S CREEK	CSTL-592	FISH	HG

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3		SALKEHATCHIE	030502070704	BEAUFORT	COMBAHEE RVR AT US 17 10 MI ESE YEMASSEE	CSTL-098	AL	DO
3		SALKEHATCHIE	030502070704	BEAUFORT	COMBAHEE RVR AT US 17 10 MI ESE YEMASSEE	CSTL-098	FISH	HG
3		SALKEHATCHIE	030502070704	COLLETON	COMBAHEE RIVER @ SEC RD 756	CSTL-561	FISH	HG
3		SALKEHATCHIE	030502070705	COLLETON	CHEHAW RVR AT OLD CHEHAW BOAT LANDING ON S-15-161	RT-02017	AL	ZN
3		SALKEHATCHIE	030502070705	COLLETON	CHEHAW RVR WEST OF BIG ISLAND 1.75MI NNE OF CONFLUENCE OF COMBAHEE RVR AND CHEHAW RVR	RT-10131	AL	TURBIDITY
3		SALKEHATCHIE	030502070705	COLLETON	UNNAMED TRIB TO CHEHAW RIVER APPROX 2.3 MI NW OF SOCIAL HALL CREEK	RT-13043	AL	TURBIDITY
3		SALKEHATCHIE	030502070705	COLLETON	UNNAMED TRIB TO CHEHAW RIVER APPROX 2.3 MI NW OF SOCIAL HALL CREEK	RT-13043	REC	ENTERO
3		SALKEHATCHIE	030502070705	COLLETON	OLD CHEHAW RIVER APPROX 0.6 MI UPRIVER OF MOUTH OF NEW CHEHAW RIVER	RT-13055	AL	TURBIDITY
3		SALKEHATCHIE	030502070705	COLLETON	OLD CHEHAW RIVER APPROX 0.6 MI UPRIVER OF MOUTH OF NEW CHEHAW RIVER	RT-13055	REC	ENTERO
3		SALKEHATCHIE	030502070706	COLLETON	COMBAHEE RVR 2.50MI NW OF WESTERN POINT OF CONFLUENCE OF COOSAW RVR AND COMBAHEE RVR	RO-10383	AL	TURBIDITY
3		SALKEHATCHIE	030502070706	COLLETON	MOUTH OF NEW CHEHAW RIVER AT CONFLUENCE WITH THE COMBAHEE RIVER	RO-12330	AL	TURBIDITY
3		SALKEHATCHIE	030502070706	COLLETON	NEW CHEHAW RIVER E OF BIG ISLAND IN MIDDLE OF SET OF HAIRPIN CURVES	RT-12039	AL	TURBIDITY
3		SALKEHATCHIE	030502070803	COLLETON	IRELAND CK AT S-15-116 5 1/2 MI N OF WALTERBORO	CSTL-044	AL	DO, PH
3		SALKEHATCHIE	030502070803	COLLETON	IRELAND CK AT S-15-116 5 1/2 MI N OF WALTERBORO	CSTL-044	REC	ECOLI
3		SALKEHATCHIE	030502070804	COLLETON	ASHEPOO RVR AT S-15-88, SEE SEE ROAD, SECOND BRIDGE FROM US 17A MAIN CHANNEL	CSTL-125	AL	DO
3		SALKEHATCHIE	030502070804	COLLETON	ASHEPOO RVR AT S-15-88, SEE SEE ROAD, SECOND BRIDGE FROM US 17A MAIN CHANNEL	CSTL-125	REC	ECOLI, ENTERO
3		SALKEHATCHIE	030502070902	COLLETON	CHESSIE CREEK @ CHESSIE LANDING	CSTL-070	FISH	HG
3		SALKEHATCHIE	030502070903	COLLETON	HORSESHOE CREEK AT SC 64	CSTL-071	FISH	HG
3		SALKEHATCHIE	030502070903	COLLETON	FULLER SWAMP CRK. AT US 17A	CSTL-581	AL	BIO
3		SALKEHATCHIE	030502071001	COLLETON	ASHEPOO RVR AT SC 303 10 MI SSW OF WALTERBORO	CSTL-068	REC	ECOLI, ENTERO
3		SALKEHATCHIE	030502071002	COLLETON	ASHEPOO RVR AT US 17 3.4 MI ESE OF GREEN POND	CSTL-069	AL	DO
3		SALKEHATCHIE	030502071002	COLLETON	ASHEPOO RVR AT US 17 3.4 MI ESE OF GREEN POND	CSTL-069	FISH	HG
3		SALKEHATCHIE	030502071002	COLLETON	ASHEPOO RVR AT US 17 3.4 MI ESE OF GREEN POND	CSTL-069	REC	ENTERO
3		SALKEHATCHIE	030502071003	COLLETON	SCOTT CREEK, HEADWATERS AT JEREMY INLET AT BOAT LANDING	14-21	SHELLFISH	FC
3		SALKEHATCHIE	030502071003	COLLETON	ASHEPOO RIVER AT S-15-26	MD-251	AL	TURBIDITY
3		SALKEHATCHIE	030502071003	COLLETON	ASHEPOO RIVER AT HOLE-IN-THE-WALL OXBOW 0.5 MI SW (DOWNRIVER) OF S-15-26	RO-046071	AL	TURBIDITY

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3		SALKEHATCHIE	030502071003	COLLETON	TWO SISTERS CK 555M NORTH OF CONFLUENCE OF ROCK CK, TWO SISTERS CK, AND ST HELENA SOUND	RO-10387	AL	TURBIDITY
3		SALKEHATCHIE	030502071003	COLLETON	SAINT HELENA SOUND NEAR THE CONFLUENCE OF ROCK CREEK AND TWO SISTERS CREEK	RO-12326	AL	TURBIDITY
3		SALKEHATCHIE	030502071003	COLLETON	ROCK CK 0.75 MI SW CONFL W/ ASHEPOO RVR	RT-032035	AL	TURBIDITY
3		SALKEHATCHIE	030502071003	COLLETON	ROCK CK APPROX 1 MI SW OF THE CONFLUENCE WITH THE ASHEPOO RVR	RT-14087	AL	DO
3		SALKEHATCHIE	030502071003	COLLETON	UNNAMED CREEK TO ROCK CREEK FROM BEET ISLAND APPROX 1.8 MI SW OF CONFLUENCE OF ROCK CREEK AND ASHEPO	RT-15103	AL	TURBIDITY
3		SALKEHATCHIE	030502071003	COLLETON	UNNAMED CREEK TO ROCK CREEK FROM BEET ISLAND APPROX 1.8 MI SW OF CONFLUENCE OF ROCK CREEK AND ASHEPO	RT-15103	REC	ENTERO
3		SALKEHATCHIE	030502071003	COLLETON	MOSQUITO CREEK OPPOSITE MOUTH OF MUSSLEBORO CREEK	RT-16135	AL	TURBIDITY
3		SALKEHATCHIE	030502071101	BEAUFORT	COOSAW RVR NEAR MOUTH OF BULL RVR	RO-02005	AL	CU, TURBIDITY
3		SALKEHATCHIE	030502071101	BEAUFORT	WIMBEE CK 0.7 MI SE OF MOUTH OF S WIMBEE CK	RO-036037	AL	TURBIDITY
3		SALKEHATCHIE	030502071101	BEAUFORT	BULL RIVER WHERE WILLIMAN CREEK AND WIMBEE CREEK MEET WITH THE BULL RIVER BETWEEN CHISOLM AND BUZZAR	RO-09367	AL	TURBIDITY
3		SALKEHATCHIE	030502071101	BEAUFORT	WIMBEE CREEK APPROX 1 MI NW OF THE MOUTH OF SOUTH WIMBEE CREEK AND SHELLFISH SITE 14-17	RO-14351	AL	DO
3		SALKEHATCHIE	030502071101	BEAUFORT	TRIBUTARY TO BULL RIVER, 7.5 M NE OF BEAUFORT	RT-01643	AL	TURBIDITY
3		SALKEHATCHIE	030502071102	BEAUFORT	CAMPBELL CREEK AT WHALE BRANCH	14-02	SHELLFISH	FC
3		SALKEHATCHIE	030502071102	BEAUFORT	FIRST SPLIT ON HALFMON CREEK ON SOUTHERN SIDE OF BROWNS ISLAND	14-13A	SHELLFISH	FC
3		SALKEHATCHIE	030502071102	BEAUFORT	MCCALLEY CREEK - 0.5 MILES UPSTREAM OF 15-01A (C7-01)	15-33	SHELLFISH	FC
3		SALKEHATCHIE	030502071102	BEAUFORT	LUCY POINT CREEK APPROX. 0.75 MI NE OF CONFL ROCK SPRINGS CK	16A-33	SHELLFISH	FC
3		SALKEHATCHIE	030502071102	BEAUFORT	TIDAL CK NEAR CONFL OF COOSAW AND BULL RVRS CHISOLM ISL	RT-02015	AL	CU, TURBIDITY
3		SALKEHATCHIE	030502071102	BEAUFORT	MCCALLEYS CREEK 2.4 MILES UPSTREAM OF SHELLFISH SITE 15-33	RT-11015	AL	TURBIDITY
3		SALKEHATCHIE	030502071103	BEAUFORT	EDDING CREEK AT MORGAN RIVER	16A-09	SHELLFISH	FC
3		SALKEHATCHIE	030502071103	BEAUFORT	EDDING CREEK AT SHRIMP DOCK	16A-18	SHELLFISH	FC
3		SALKEHATCHIE	030502071103	BEAUFORT	ROCK SPRINGS CREEK, UPPER REACHES	16A-19	SHELLFISH	FC
3		SALKEHATCHIE	030502071103	BEAUFORT	EDDING CR AT SMALL TRIBUTARY BETWEEN STATIONS 9 AND 18	16A-23	SHELLFISH	FC
3		SALKEHATCHIE	030502071103	BEAUFORT	COFFIN CREEK MOUTH AT MORGAN RIVER	16A-27	SHELLFISH	FC
3		SALKEHATCHIE	030502071103	BEAUFORT	COFFIN CREEK, HEADWATERS AT SHRIMP DOCKS	16A-28	SHELLFISH	FC
3		SALKEHATCHIE	030502071103	BEAUFORT	JENKINS CREEK, 500FT. NORTH OF STORMWATER AT DAWTAW ISLAND GOLF COURSE,	16A-30	SHELLFISH	FC
3		SALKEHATCHIE	030502071103	BEAUFORT	PINE ISLAND CREEK NEAR CONFL VILLAGE CREEK	16A-38	SHELLFISH	FC
3		SALKEHATCHIE	030502071103	BEAUFORT	TRIB TO SPARROW NEST CK NEAR DATHA ISLAND	RT-02027	AL	CU
3		SALKEHATCHIE	030502071103	BEAUFORT	COFFIN CK 0.7 MI SE OF CONFL W/ MORGAN RVR	RT-032033	AL	TURBIDITY
3		SALKEHATCHIE	030502071103	BEAUFORT	COFFIN CREEK APPROX 330 M E OF THE END OF N FRONT DRIVE	RT-16131	REC	ENTERO
3		SALKEHATCHIE	030502071104	BEAUFORT	SAINT HELENA SOUND, 7 M SW OF EDISTO BEACH	RO-01163	AL	TURBIDITY
3		SALKEHATCHIE	030502071104	BEAUFORT	COOSAW RVR NEAR MOUTH OF COMBAHEE RVR	RO-02001	AL	TURBIDITY
3		SALKEHATCHIE	030502071104	BEAUFORT	ST. HELENA SOUND BELOW THE CONFLUENCE OF THE MORGAN RIVER AND THE COOSAW RIVER BETWEEN THE TIPS OF S	RO-09371	AL	TURBIDITY

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PRIORITY RANK	NOTE	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)
3		SALKEHATCHIE	030502071104	BEAUFORT	COOSAW RIVER, MIDCHANNEL BETWEEN BULL RIVER AND COMBAHEE RIVER, 1 MILE EAST OF SHELLFISH SITE 14-04	RO-11314	AL	TURBIDITY
3		SALKEHATCHIE	030502080101	HAMPTON	UNNAMED TRIB TO BRIER CK AT US 601. THIS IS A CULVERT AT INTERSECTION OF US 601 & S-25-450. THERE IS	RS-07044	AL	ZN
3		SALKEHATCHIE	030502080101	HAMPTON	UNNAMED TRIB TO BRIER CK AT US 601. THIS IS A CULVERT AT INTERSECTION OF US 601 & S-25-450. THERE IS	RS-07044	REC	ECOLI
3		SALKEHATCHIE	030502080102	HAMPTON	LAKE GEORGE WARREN IN FOREBAY NEAR DAM	CL-062	AL	ZN
3		SALKEHATCHIE	030502080102	HAMPTON	LAKE WARREN, BLACK CK ARM, AT S-25-41 5 MI SW OF HAMPTON	CSTL-075	AL	CHLA, TP
3		SALKEHATCHIE	030502080102	HAMPTON	LAKE GEORGE WARREN 0.2 MI W OF SPILLWAY NE CORNER OF LAKE CLOSER TO LAKE WARREN ST PARK SHORELINE	RL-03331	AL	CHLA, TN, TP, ZN
3		SALKEHATCHIE	030502080102	HAMPTON	LAKE WARREN IN SMALL EMBAYMENT NEAR NW END OF S-25-41 BRIDGE	RL-07033	AL	CHLA
3		SALKEHATCHIE	030502080102	HAMPTON	LAKE WARREN IN SMALL BAY ALONG N SHORE APPROX 0.4 MI W OF DAM OUTFLOW	RL-08049	AL	TP
3		SALKEHATCHIE	030502080201	ALLENDALE	DUCK CREEK AT THE DOWNSTREAM SIDE OF US 278, 2.6 M SE OF ALLENDALE	RS-01025	AL	DO
3		SALKEHATCHIE	030502080202	ALLENDALE	COOSAWHATCHIE RVR AT S-03-47	CSTL-110	AL	DO
3		SALKEHATCHIE	030502080202	ALLENDALE	COOSAWHATCHIE RVR AT BRIDGE ON S-03-22	RS-09282	AL	BIO
3		SALKEHATCHIE	030502080203	ALLENDALE	BEECH BRANCH AT S-03-23/S-25-21 TERRY ROAD	RS-16295	REC	ECOLI
3		SALKEHATCHIE	030502080204	HAMPTON	COOSAWHATCHIE RIVER AT SC 363	CSTL-121	AL	DO
3		SALKEHATCHIE	030502080401	HAMPTON	SANDERS BR AT SC 278	CSTL-010	REC	ECOLI
3		SALKEHATCHIE	030502080401	HAMPTON	SANDERS BR AT S-25-50	CSTL-011	REC	ECOLI
3		SALKEHATCHIE	030502080401	HAMPTON	SANDERS BRANCH AT SC RD 363	CSTL-108	REC	ECOLI
3		SALKEHATCHIE	030502080401	HAMPTON	SANDERS BR FROM BRIDGE AT PAVED RD FROM SC 363 N	RS-02488	AL	ZN
3		SALKEHATCHIE	030502080401	HAMPTON	SANDERS BR FROM BRIDGE AT PAVED RD FROM SC 363 N	RS-02488	REC	ECOLI
3		SALKEHATCHIE	030502080404	HAMPTON	MCPHERSON CREEK AT S-25-17 -POCOTALIGO ROAD	RS-14207	REC	ECOLI
3		SALKEHATCHIE	030502080405	JASPER	COOSAWHATCHIE RIVER @ SEC RD 36	CSTL-077	FISH	HG
3		SALKEHATCHIE	030502080406	JASPER	BEES CK AT SC 462 5.9 MI NE OF RIDGELAND	MD-128	AL	DO
3		SALKEHATCHIE	030502080406	JASPER	BEES CK AT WALL FAMILY CAMP FLOATING DOCK APPROX 1 MI E SC 462 AS CROW FLIES	MD-280	AL	DO, TURBIDITY
3		SALKEHATCHIE	030502080406	JASPER	BEES CK AT WALL FAMILY CAMP FLOATING DOCK APPROX 1 MI E SC 462 AS CROW FLIES	MD-280	REC	ENTERO
3		SALKEHATCHIE	030502080407	JASPER	COOSAWHATCHIE RVR AT US 17 AT COOSAWHATCHIE	CSTL-107	REC	ECOLI, ENTERO
3		SALKEHATCHIE	030502080407	JASPER	COOSAWHATCHIE RVR OFF END OF S-27-206	RT-12031	REC	ENTERO
3		SALKEHATCHIE	030502080407	JASPER	UNNAMED TRIB TO COOSAWHATCHIE RIVER APPROX 1.3 MI NW FROM MOUTH OF POCOTALIGO RIVER	RT-13059	AL	TURBIDITY

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3		SALKEHATCHIE	030502080407	JASPER	UNNAMED TRIB TO COOSAWHATCHIE RIVER APPROX 1.3 MI NW FROM MOUTH OF POCOTALIGO RIVER	RT-13059	REC	ENTERO
3		SALKEHATCHIE	030502080501	BEAUFORT	BATTERY CREEK 1000 FEET BELOW RABBIT ISLAND	15-19	SHELLFISH	FC
3		SALKEHATCHIE	030502080501	BEAUFORT	BATTERY CREEK - DOWLINGWOOD TRIBUTARY (C6-97)	15-25	SHELLFISH	FC
3		SALKEHATCHIE	030502080501	BEAUFORT	BATTERY CREEK - PICKET FENCE TRIBUTARY (C6-97)	15-26	SHELLFISH	FC
3		SALKEHATCHIE	030502080501	BEAUFORT	BATTERY CREEK - CHERRY HILL TRIBUTARY (C6-97)	15-27	SHELLFISH	FC
3		SALKEHATCHIE	030502080501	BEAUFORT	BATTERY CREEK - STORM WATER OUTFALL UNDER RR TRACK (C6-97)	15-28	SHELLFISH	FC
3		SALKEHATCHIE	030502080501	BEAUFORT	BATTERY CREEK - TRIBUTARY ON R SIDE BEFORE BATTERY SHORES (C6-97)	15-29	SHELLFISH	FC
3		SALKEHATCHIE	030502080501	BEAUFORT	BATTERY CREEK - COTTAGE FARMS COMMUNITY DOCK (C6-97)	15-30	SHELLFISH	FC
3		SALKEHATCHIE	030502080502	BEAUFORT	MOUTH OF ALBERGOTTI AND BRICKYARD CREEK	15-03	SHELLFISH	FC
3		SALKEHATCHIE	030502080502	BEAUFORT	ALBERGOTTIE CREEK 1.0 MILES UPSTREAM OF STATION 15-03	15-03A	SHELLFISH	FC
3		SALKEHATCHIE	030502080502	BEAUFORT	ALBERGOTTIE CREEK 700 FEET SE OF MCAS HUNTING CLUB FISHING PIER	15-03B	SHELLFISH	FC
2		SALKEHATCHIE	030502080503	BEAUFORT	CAPERS CR SSG AT PENN COMMUNITY SRVCS RETREAT CTR	15-20	SHELLFISH	FC
3		SALKEHATCHIE	030502080503	BEAUFORT	COWEN CREEK 0.7 MILES SW OF US HWY 21 BRIDGE OVER COWEN CREEK	RT-15106	REC	ENTERO
3		SALKEHATCHIE	030502080601	BEAUFORT	POCOTALIGO RVR AT US 17 AT POCOTALIGO	MD-007	AL	TURBIDITY
3		SALKEHATCHIE	030502080601	BEAUFORT	POCOTALIGO RVR AT US 17 AT POCOTALIGO	MD-007	REC	ENTERO
3		SALKEHATCHIE	030502080601	JASPER	POCOTALIGO RVR WEST OF OAK GROVE PLANTATION AND 3.30MI WSW OF WEST SIDE OF US 17/21 BRIDGE OVER HUSP	RT-10138	AL	TURBIDITY
3		SALKEHATCHIE	030502080601	JASPER	POCOTALIGO RVR WEST OF OAK GROVE PLANTATION AND 3.30MI WSW OF WEST SIDE OF US 17/21 BRIDGE OVER HUSP	RT-10138	REC	ENTERO
3		SALKEHATCHIE	030502080602	BEAUFORT	HUSPAH CREEK AT RAILROAD TRESTLE	14-14	SHELLFISH	FC
3		SALKEHATCHIE	030502080602	BEAUFORT	HUSPAH CREEK AT BULL POINT - WHALE BRANCH POG	14-18	SHELLFISH	FC
3		SALKEHATCHIE	030502080603	BEAUFORT	EASTSIDE OF SS RR SWING BRIDGE ON WHALE BRANCH	14-22	SHELLFISH	FC
3		SALKEHATCHIE	030502080603	BEAUFORT	MIDDLE CREEK AND WHALE BRANCH, CONFLUENCE	17-21	SHELLFISH	FC
2		SALKEHATCHIE	030502080604	JASPER	EUHAW CREEK HEADWATERS ONE MILE ABOVE BOLIN HALL LANDING	17-23	SHELLFISH	FC
3		SALKEHATCHIE	030502080605	BEAUFORT	BROAD RIVER AT CORN ISLAND - MOUTH OF CREEK	17-16	SHELLFISH	FC
2		SALKEHATCHIE	030502080605	BEAUFORT	HABERSHAM CREEK ABOVE STATION #16, FIRST SPLIT	17-16A	SHELLFISH	FC
3		SALKEHATCHIE	030502080605	BEAUFORT	HABERSHAM CREEK APPROX 835 M FROM SHELLFISH SITE 17-16A FOLLOWING CREEK PATH	RT-16125	REC	ENTERO
3		SALKEHATCHIE	030502080606	BEAUFORT	COLLETON RIVER AT MOUTH OF CALLAWASSIE CREEK, 4.5 M N OF BLUFFTON	RO-01125	AL	DO
3		SALKEHATCHIE	030502080606	BEAUFORT	SAWMILL CREEK APPROX 3/4 MI FROM SHELLFISH SITE 18-06 -CONFLUENCE WITH COLLETON RIVER	RT-13061	AL	DO
2		SALKEHATCHIE	030502080607	JASPER	HAZZARD CREEK AT CHELSEA PLANTATION CLUBHOUSE	17-18	SHELLFISH	FC
2		SALKEHATCHIE	030502080607	JASPER	HAZZARD CREEK AT SECOND RIGHT BEND ABOVE STATION #17 & 18	17-25	SHELLFISH	FC
3		SALKEHATCHIE	030502080607	BEAUFORT	CHECHESEE RIVER, 6.5 M WEST OF PORT ROYAL	RO-01146	AL	DO

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3		SALKEHATCHIE	030502080607	BEAUFORT	CHECHESSEE RVR 1.4 MI SE CONFL W/ COLLETON RVR	RO-036032	AL	DO
3		SALKEHATCHIE	030502080608	BEAUFORT	PORT ROYAL SOUND 1.8 MI SW OF TIP OF PARRIS ISLAND	RO-036034	AL	CU
3		SALKEHATCHIE	030502100101	BEAUFORT	JOHNSON CREEK APROX 1.4 MI SSW OF US 21 BRIDGE	RO-14354	AL	DO
3		SALKEHATCHIE	030502100101	BEAUFORT	JOHNSON CK WEST OF HARBOR ISLAND 1.75MI SW OF WEST END OF US 21 BRIDGE OVER JOHNSON CK	RT-10115	AL	TURBIDITY
3		SALKEHATCHIE	030601090306	JASPER	WRIGHT RIVER 1.5 MILES US FROM FIELDS CUT -19-20	MD-259	AL	TURBIDITY
3		SALKEHATCHIE	030601090306	JASPER	WRIGHT RIVER 1.5 MILES US FROM FIELDS CUT -19-20	MD-259	REC	ENTERO
3		SALKEHATCHIE	030601100103	JASPER	GREAT SWAMP AT U.S. 17	MD-129	REC	ENTERO
3		SALKEHATCHIE	030601100201	JASPER	NEW RVR AT SC 170 9 MI W OF BLUFFTON	MD-118	FISH	HG
3		SALKEHATCHIE	030601100201	JASPER	NEW RVR AT SC 170 9 MI W OF BLUFFTON	MD-118	REC	ENTERO
3		SALKEHATCHIE	030601100202	JASPER	RAMSHORN CREEK AT NEW RIVER -19-07	MD-258	AL	TURBIDITY
3		SALUDA	030501090102	GREENVILLE	N SALUDA RVR AT BRDG AB JCT WITH SALUDA RVR E OF SC 186	S-004	AL	CD
3		SALUDA	030501090201	PICKENS	ADAMS CK AT UNPVD RD FROM SC 8 AND END OF S-39-34	RS-02330	AL	TURBIDITY
3		SALUDA	030501090201	PICKENS	OOLENOY RVR AT S-39-47	S-103	AL	BIO
3		SALUDA	030501090204	GREENVILLE	SOUTH SALUDA RVR AT SC 186	S-299	AL	CD
3		SALUDA	030501090301	GREENVILLE	SALUDA LAKE NEAR SHORE OF THE POINT NEAR THE END OF CLUB CIRCLE	RL-08056	AL	TURBIDITY
3		SALUDA	030501090302	PICKENS	BURDINE CREEK AT BRIDGE ON S-39-192 3 MI NE OF EASLEY	RS-06151	AL	BIO
3		SALUDA	030501090302	PICKENS	GEORGES CREEK AT ROAD ABOVE SR 36	S-865	AL	BIO
3		SALUDA	030501090303	ANDERSON	BIG BRUSHY CK AT S-04-143	S-301	AL	BIO
3		SALUDA	030501090305	GREENVILLE	GROVE CREEK AT S-23-159 GARRISON ROAD	RS-14221	REC	ECOLI
3		SALUDA	030501090305	GREENVILLE	GROVE CR. AT SEC. RD. 541	S-774	AL	BIO
3		SALUDA	030501090306	ANDERSON	BIG CK AT S-04-116	S-302	AL	BIO
3		SALUDA	030501090307	GREENVILLE	REEDY RIVER @ ROE FORD ROAD, SR 88	S-011	AL	BIO
3		SALUDA	030501090307	ANDERSON	SALUDA RVR AT S-04-178 3.2 MI SE WILLIAMSTON	S-119	REC	ECOLI
3		SALUDA	030501090307	GREENVILLE	MILL CK AT BENT BRIDGE RD, BL CAROLINA PLATING	S-315	AL	CR
2		SALUDA	030501090401	GREENVILLE	REEDY RVR AT UN# RD OFF US 276 .75 MI W TRAVELERS REST	S-073	REC	ECOLI
2		SALUDA	030501090401	GREENVILLE	LANGSTON CK AT SC 253	S-264	REC	ECOLI
3		SALUDA	030501090401	GREENVILLE	LANGSTON CREEK @ OLD BUNCOMB ROAD	S-265	AL	BIO

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3		SALUDA	030501090401	GREENVILLE	REEDY RIVER AT SR 133	S-868	AL	BIO
3		SALUDA	030501090401	GREENVILLE	REEDY RIVER AT SR 88	S-928	AL	BIO
2		SALUDA	030501090402	GREENVILLE	RICHLAND CREEK AT SPARTANBURG STREET OFF STONE STREET -US 276- IN DOWNTOWN GREENVILLE	RS-14189	REC	ECOLI
3		SALUDA	030501090402	GREENVILLE	REEDY RVR AT S-23-30 3.9 MI SE GREENVILLE	S-013	AL	BIO
2		SALUDA	030501090402	GREENVILLE	REEDY RVR AT S-23-30 3.9 MI SE GREENVILLE	S-013	REC	ECOLI
3		SALUDA	030501090402	GREENVILLE	LAKE CONESTEE	S-015	FISH	HG
2		SALUDA	030501090402	GREENVILLE	BRUSHY CK ON GREEN ST EXT BL DUNEAN MILL ON SC 20	S-067	REC	ECOLI
3		SALUDA	030501090402	GREENVILLE	REEDY RVR AT RIVERS ST, DOWNTOWN GREENVILLE	S-319	AL	CD
2		SALUDA	030501090402	GREENVILLE	REEDY RVR AT RIVERS ST, DOWNTOWN GREENVILLE	S-319	REC	ECOLI
3		SALUDA	030501090402	GREENVILLE	BRUSHY CREEK AT SR 30	S-867	AL	BIO
3		SALUDA	030501090402	GREENVILLE	RICHLAND CREEK@ E. NORTH STREET CITY OF GREENVILLE	S-981	AL	BIO
3		SALUDA	030501090402	GREENVILLE	REEDY RIVER @ CONESTEE RD, CO RD 221	X-001	AL	BIO
2		SALUDA	030501090403	GREENVILLE	HUFF CK AT SC 418 1.6 MI NW FORK SHOALS	S-178	REC	ECOLI
3		SALUDA	030501090403	GREENVILLE	REEDY RIVER@ SR 154	S-834	AL	BIO
3		SALUDA	030501090403	GREENVILLE	HUFF CREEK AT SR 459	S-863	AL	PH
3		SALUDA	030501090403	GREENVILLE	HUFF CREEK@ GRIFFIN MIL RD	S-983	AL	BIO
3		SALUDA	030501090403	GREENVILLE	LITTLE CREEK@ BERRY RD	S-985	AL	BIO
3		SALUDA	030501090404	GREENVILLE	UNNAMED TRIB TO THE REEDY RIVER IN THE THE PRESERVE AT PLANTERS ROW S/D FROM S-23-448	RS-06167	AL	BIO
2		SALUDA	030501090404	GREENVILLE	UNNAMED TRIB TO THE REEDY RIVER IN THE THE PRESERVE AT PLANTERS ROW S/D FROM S-23-448	RS-06167	REC	ECOLI
2		SALUDA	030501090404	GREENVILLE	ROCKY CREEK AT ALDER DRIVE	RS-15285	REC	ECOLI
3		SALUDA	030501090404	GREENVILLE	REEDY RVR AT S-23-448 1.75 MI SE CONESTEE	S-018	AL	BIO
2		SALUDA	030501090404	GREENVILLE	REEDY RVR AT S-23-448 1.75 MI SE CONESTEE	S-018	REC	ECOLI
3		SALUDA	030501090404	GREENVILLE	REEDY RVR ON HWY 418 AT FORK SHOALS	S-072	AL	BIO
2		SALUDA	030501090404	GREENVILLE	REEDY RVR ON HWY 418 AT FORK SHOALS	S-072	REC	ECOLI
3		SALUDA	030501090404	GREENVILLE	ROCKY CK AT S-23-453 3.5 MI SW OF SIMPSONVILLE	S-091	AL	BIO
2		SALUDA	030501090404	GREENVILLE	ROCKY CK AT S-23-453 3.5 MI SW OF SIMPSONVILLE	S-091	REC	ECOLI
3		SALUDA	030501090404	GREENVILLE	LAUREL CREEK @ MAULDIN ROAD (BUTLER ROAD)	S-139	AL	BIO
2		SALUDA	030501090404	GREENVILLE	REEDY RVR AT S-23-316 3.5 MI SSW OF MAULDIN	S-323	REC	ECOLI
3		SALUDA	030501090404	GREENVILLE	REEDY RIVER@ SR 542	S-833	AL	BIO
3		SALUDA	030501090404	GREENVILLE	BALDWIN CREEK@ N. MOORE ROAD	S-972	AL	BIO
3		SALUDA	030501090404	GREENVILLE	HARRISON CREEK@ HARRISON BRIDGE RD	S-982	AL	BIO
3		SALUDA	030501090601	GREENVILLE	HORSE CREEK AT SR 69	S-862	AL	BIO
3		SALUDA	030501090602	LAURENS	REEDY RVR AT U.S. 76	S-070	AL	BIO
2		SALUDA	030501090602	LAURENS	REEDY RVR AT U.S. 76	S-070	REC	ECOLI
2		SALUDA	030501090602	LAURENS	BOYD MILL POND .6 KM W DAM	S-311	AL	TN
3		SALUDA	030501090602	GREENVILLE	REEDY RIVER@ SR 985	S-835	AL	BIO
3		SALUDA	030501090604	LAURENS	REEDY RVR AT S-30-06 E WARE SHOALS	S-021	AL	CD

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2		SALUDA	030501090604	LAURENS	REEDY RVR AT S-30-06 E WARE SHOALS	S-021	REC	ECOLI
3		SALUDA	030501090604	LAURENS	REEDY FORK OF LK GREENWOOD AT S-30-29	S-022	AL	PH
2		SALUDA	030501090604	LAURENS	LAKE GREENWOOD; REEDY RVR ARM; 150 YDS US RABON CK	S-308	AL	TN
3		SALUDA	030501090701	GREENWOOD	ROCKY CREEK AT SC 72 BY-PASS AND SC 254 IN GREENWOOD	RS-03346	AL	BIO
3		SALUDA	030501090701	GREENWOOD	CORONACA CREEK AT S-24-39, 5.1 MI NNE OF GREENWOOD	RS-11054	AL	DO
3		SALUDA	030501090701	GREENWOOD	CORONACA CREEK AT SC HWY 221	S-184	AL	BIO
3		SALUDA	030501090702	GREENWOOD	WILSON CK AT S-24-124	S-235	AL	BIO
3		SALUDA	030501090703	GREENWOOD	HENLEY CREEK AT BRIDGE ON SC 248	RS-09322	AL	DO, TURBIDITY
3		SALUDA	030501090704	GREENWOOD	NINETY SIX CREEK AT SR 42	S-856	AL	BIO
3		SALUDA	030501090801	GREENVILLE	MOUNTAIN CREEK AT WEST OAK HILL ROAD BETWEEN S-23-50 AND S-23-52	RS-13150	REC	ECOLI
3		SALUDA	030501090801	GREENVILLE	MOUNTAIN CREEK TIBUTARY@ OAK HILL RD (SR 50)	S-990	AL	BIO
3		SALUDA	030501090802	ANDERSON	TRIB.BROAD MOUTH CR. AT SEC. RD.205	S-776	AL	BIO
3		SALUDA	030501090802	ANDERSON	BROAD MOUTH CREEK@ HAMBRY RD. (SR 265)	S-979	AL	BIO
3		SALUDA	030501090804	GREENWOOD	TURKEY CREEK AT SR 96	S-858	AL	PH
3		SALUDA	030501090805	GREENVILLE	UNNAMED TRIB TO THE SALUDA RIVER AT BRIDGE ON UNNUMBERED RD(RIVER RD) 7.1 MI SE OF WILLIAMSTON	RS-06030	REC	ECOLI
3		SALUDA	030501090805	ANDERSON	UNNAMED TRIB TO THE SALUDA RIVER AT S-04-206; CHAPMAN ROAD	RS-16338	REC	ECOLI
3		SALUDA	030501090805	LAURENS	SALUDA RVR AT US 25 BYPASS 1.5 MI ESE WARE SHOALS	S-125	REC	ECOLI
3		SALUDA	030501090806	LAURENS	UNNAMED TRIB TO CANE CK AT BRIDGE ON S-30-19	RS-09116	REC	ECOLI
3		SALUDA	030501090807	GREENWOOD	LAKE GREENWOOD 1.0 MI NW OF SEABOARD RR CROSSING	RL-02311	AL	PH
3		SALUDA	030501090807	GREENWOOD	LAKE GREENWOOD JUST OFF SHORELINE FROM LARGE OPEN YARD PROPERTY OFF EAGLE HARBOR DR; APPROX 1.4 MI N	RL-13077	AL	TURBIDITY
2		SALUDA	030501091003	SALUDA	LAKE MURRAY, CLOUDS CREEK ARM, APPROXIMATELY 0.2 MI NNW OF S-41-59 BRIDGE. SITE 10 YARDS OFF W BANK	RL-11033	AL	CHLA, PH
3		SALUDA	030501091003	SALUDA	WEST CREEK AT S-41-105 12.4 MI ESE OF SALUDA	RS-05398	AL	BIO
3		SALUDA	030501091003	SALUDA	LICK CK AT BRIDGE ON S-41-189	RS-09114	AL	DO, PH
3		SALUDA	030501091103	SALUDA	UNNAMED TRIB TO PERSIMMON CREEK AT BRIDGE ON S-41-255, 6.5 MI NNE OF SALUDA	RS-12077	AL	DO
3		SALUDA	030501091103	SALUDA	BIG CREEK AT SR 122	S-855	AL	BIO
3		SALUDA	030501091104	SALUDA	LITTLE SALUDA RVR AT US 378 E SALUDA	S-050	AL	DO
3		SALUDA	030501091104	SALUDA	LITTLE SALUDA RVR AT S-41-39 5.2 MI NE SALUDA	S-123	AL	DO

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PRIORITY RANK	NOTE	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)
2		SALUDA	030501091105	SALUDA	LAKE MURRAY; LITTLE SALUDA ARM AT SC 391	S-222	AL	PH, TP
3		SALUDA	030501091202	SALUDA	SALUDA RIVER AT S.C. ROUTE 39	S-295	REC	ECOLI
3		SALUDA	030501091204	NEWBERRY	BUSH RIVER AT SC 560 S OF JOANNA	S-042	AL	DO
3		SALUDA	030501091206	NEWBERRY	BUSH RIVER AT COUNTY RD 395, 3 M S OF NEWBERRY	RS-01044	AL	BIO
3		SALUDA	030501091206	NEWBERRY	SCOTT CK AT SC 34 SW OF NEWBERRY	S-044	AL	DO
3		SALUDA	030501091206	NEWBERRY	BUSH RVR AT S-36-41 8.5 MI S OF NEWBERRY	S-102	AL	DO
3		SALUDA	030501091206	NEWBERRY	LAKE MURRAY, BUSH RVR ARM, 4.6 KM US SC 391	S-309	AL	CHLA, PH, TN, TP
3		SALUDA	030501091206	NEWBERRY	LAKE MURRAY, BUSH RVR ARM, 4.6 KM US SC 391	S-309	REC	ECOLI
3		SALUDA	030501091207	NEWBERRY	SALUDA RVR AT SC 121	S-047	FISH	HG
3		SALUDA	030501091207	NEWBERRY	SALUDA RIVER @ SC 395	S-105	FISH	HG
3		SALUDA	030501091207	NEWBERRY	LAKE MURRAY, SALUDA RVR ARM, US BUSH RVR, 3.8 KM US SC 391	S-310	AL	PH
2		SALUDA	030501091305	NEWBERRY	CAMPING CK S-36-202 BLW GA PACIFIC	S-290	AL	PB
3		SALUDA	030501091305	NEWBERRY	CAMPING CREEK AT SR 72	S-850	AL	BIO
3		SALUDA	030501091307	NEWBERRY	LAKE MURRAY NEAR MOUTH OF HAWLEEK CREEK ARM APPROX 0.5 MI NE OF RIVER BEND LANDING	RL-14158	REC	ECOLI
3		SALUDA	030501091307	NEWBERRY	MACEDONIA LANDING LK MURRAY AT END OF S-36-26 MACEDONIA	S-212	AL	PH
2		SALUDA	030501091402	LEXINGTON	12 MILE CREEK	CRK09	REC	ECOLI
3		SALUDA	030501091402	LEXINGTON	TWELVEMILE CK AT S-32-106	S-052	AL	BIO
3		SALUDA	030501091402	LEXINGTON	TWELVEMILE CK AT S-32-106	S-052	REC	ECOLI
3		SALUDA	030501091402	LEXINGTON	TWELVEMILE CREEK AT U.S. ROUTE 378	S-294	AL	BIO
3		SALUDA	030501091402	LEXINGTON	FOURTEEN MILE CREEK AT SR 28	S-848	AL	BIO
2		SALUDA	030501091403	LEXINGTON	STOOPS CREEK	CRK08	REC	ECOLI
3		SALUDA	030501091403	LEXINGTON	RAWLS CREEK AT COUNTY RD 175, 0.25 M W OF IRMO	RS-01012	AL	BIO
3		SALUDA	030501091403	LEXINGTON	SALUDA RVR AT MEPCO ELECT. PLANT WATER INTAKE SSE IRMO	S-149	AL	TURBIDITY
3		SALUDA	030501091403	LEXINGTON	LORICK BR AT PT UPSTRM OF JCT WITH SALUDA RVR	S-150	AL	DO
3		SALUDA	030501091403	LEXINGTON	SALUDA RVR JUST BELOW LK MURRAY DAM	S-152	FISH	HG
3		SALUDA	030501091403	LEXINGTON	KINLEY CK AT S-32-36 (ST. ANDREWS RD) IN IRMO	S-260	AL	BIO
3		SALUDA	030501091403	LEXINGTON	RAWLS CREEK AT S-32-107	S-287	AL	BIO
2		SALUDA	030501091403	LEXINGTON	SALUDA RVR AT USGS GAGING STATION; 1/2 MI BELOW I-20	S-298	REC	ECOLI
3		SALUDA	030501091403	LEXINGTON	STOOP CREEK @BUSH RIVER ROAD	S-507	AL	BIO
3		SALUDA	030501100104	LEXINGTON	SIXMILE CK ON US 21 S OF CAYCE	C-005	AL	DO
2		SALUDA	030501100104	LEXINGTON	CONGAREE CK AT S-32-66	C-070	REC	ECOLI
3		SALUDA	030501100201	RICHLAND	SEQUICENTENNIAL STATE PARK	C-046	FISH	HG
3		SALUDA	030501100201	RICHLAND	LIGHTWOOD KNOT BRANCH AT TRENHOLM RD EXTENSION	RS-09323	AL	BIO

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2		SALUDA	030501100203	RICHLAND	GILLS CK AT SC 48 -BLUFF ROAD	C-017	AL	PB
3		SALUDA	030501100203	RICHLAND	FOREST LAKE AT DAM	C-068	FISH	HG
3		SALUDA	030501100301	RICHLAND	CONGAREE RIVER @ BARNEY JORDAN RAMP	C-007A	FISH	HG
3		SALUDA	030501100301	RICHLAND	CONGAREE RIVER @ ST HWY 378	C-007F	FISH	HG
2		SALUDA	030501100301	RICHLAND	ROCKY BRANCH	CRK06	REC	ECOLI
2		SALUDA	030501100301	LEXINGTON	CONGAREE RVR AT BLOSSOM ST (SALUDA RIVER)	CSB-001L	REC	ECOLI
3		SALUDA	030501100304	RICHLAND	MILL CK AT SC 262	C-021	REC	ECOLI
3		SALUDA	030501100304	RICHLAND	REEDER POINT BR AT SC 48	C-073	REC	ECOLI
3		SALUDA	030501100305	RICHLAND	CEDAR CK AT S-40-734	C-071	AL	BIO
3		SALUDA	030501100310	RICHLAND	CEDAR CK CANOE ACCESS OFF S-40-1288 (SO CEDAR CK RD)	C-076	REC	ECOLI
3		SALUDA	030501100310	RICHLAND	CEDAR CREEK IN CONGAREE NATIONAL PARK - WESTON LAKE LOOP TRAIL AT BRIDGE B	C-077	REC	ECOLI
3		SALUDA	030501100310	CALHOUN	CONGAREE RIVER@ DEVRO-TEEPAK DISCHARGE OUTFALL	S-967	AL	CU
3		SALUDA	030501100401	RICHLAND	TOMS CK AT SC 48	C-072	AL	DO
3		SALUDA	030501100401	RICHLAND	TOMS CK AT SC 48	C-072	REC	ECOLI
3		SALUDA	030501100401	RICHLAND	TOMS CREEK AT POWER LINE AND RR TRACK	C-579	AL	BIO
3		SALUDA	030501100401	RICHLAND	TOM'S CREEK AT RED BLUFF RD.	S-950	AL	PH
3		SALUDA	030501100401	RICHLAND	TOM'S CREEK AT RED BLUFF RD.	S-950	REC	ECOLI
3		SALUDA	030501100402	CALHOUN	BUCKHEAD CREEK AT S-09-151 2.1 MI NE OF FORT MOTTE	RS-04521	AL	BIO
3		SALUDA	030501100403	CALHOUN	CONGAREE RVR AT US 601 -SC-001	C-007	FISH	HG
3		SANTEE	030501110101	CALHOUN	WARLEY CREEK AT CO RD S-09-287 3.4 MI NW OF LONE STAR	RS-04389	AL	BIO
3		SANTEE	030501110102	SUMTER	DUCKFORD BRANCH AT S-43-52 3.2 MI SW OF PINEWOOD	RS-05585	REC	ECOLI
3		SANTEE	030501110102	CLAERENDON	SPRING CROVE CREEK AT SECONDARY ROAD 26 BRIDGE	SC-009	REC	ECOLI
3		SANTEE	030501110103	CALHOUN	LK INSPIRATION - ST MATTHEWS (FRONT OF HEALTH DEPT)	C-058	AL	CHLA, PH, TP, TURBIDITY
3		SANTEE	030501110103	CALHOUN	LYONS CREEK AT SC 6	ST-533	AL	BIO
3		SANTEE	030501110104	CALHOUN	LAKE MARION SANTEE RIVER ARM 6 MI NE OF ELLOREE	RL-06422	AL	TP
3		SANTEE	030501110104	CALHOUN	UPPER LAKE MARION @ THE MOUTH OF HALFWAY SWAMP CREEK	SC-038	AL	TP
3		SANTEE	030501110104	CALHOUN	HALFWAY SWAMP CREEK AT SR 157	ST-534	AL	BIO
3		SANTEE	030501110105	ORANGEBURG	BRIDGE OVER BIG POPLAR CREEK AT S-38-199	RS-12062	REC	ECOLI
3		SANTEE	030501110105	CALHOUN	BIG POPLAR CREEK @ SECONDARY ROAD 105 BRIDGE	SC-011	AL	DO
3		SANTEE	030501110106	CLARENDRON	JACKS CK AT S-14-76 -SC-013	CW-244	AL	DO

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3		SANTEE	030501110106	CLARENDON	LAKE MARION ASSIGNED TO SANTEE-COOPER PROJECT	SC-048	AL	CU
3		SANTEE	030501110107	CLARENDON	UNNAMED TRIBUTARY TO TAWCAW CREEK AT S-14-559 (WILLIAM BRUNSON ROAD) 4.6 MI SE OF SUMMERTON	RS-03505	REC	ECOLI
3		SANTEE	030501110107	CLARENDON	TAWCAW CK AT S-14-127 3.2 MI S OF SUMMERTON (SC-018)	ST-018	AL	DO
3		SANTEE	030501110108	CLARENDON	WHITE OAK CREEK AT COUNTY RD 345, 4.5 M ESE OF SUMMERTON	RS-01051	REC	ECOLI
3		SANTEE	030501110108	CLARENDON	LAKE MARION ASSIGNED TO SANTEE-COOPER PROJECT	SC-059	AL	DO
3		SANTEE	030501110108	CLARENDON	LK MARION AT END OF S-14-64 AT CAMP BOB COOPER	ST-024	FISH	HG
3		SANTEE	030501110108	CLARENDON	POTATO CK AT S-14-127 3.2 MI S OF SUMMERTON (SC-020)	ST-035	AL	DO
3		SANTEE	030501110108	CLARENDON	LK MARION, WYBOO CREEK ARM DS OF CLUBHOUSE BR (SC-023A)	ST-036	AL	PH
3		SANTEE	030501110109	CALHOUN	LAKE MARION @ TREZVANT'S LANDING	C-007K	FISH	HG
3		SANTEE	030501110109	CALHOUN	LAKE MARION @ DANIELS 4H CAMP	C-057	FISH	HG
3		SANTEE	030501110109	CLARENDON	LK MARION @ CHANNEL MARKER 69; USE SANTEE COOPER SC-016	RL-02308	AL	TP
3	*	SANTEE	030501110109	CALHOUN	LAKE MARION 0.5 MI NE OF CALHOUN LANDING (USE SC-044)	RL-04388	AL	TP
3		SANTEE	030501110109	CLARENDON	LAKE MARION 0.65MI SSE OF SOUTHEAST END OF GREEN ISLAND	RL-10010	AL	TP
3		SANTEE	030501110109	CALHOUN	LAKE MARION 4.5MI ESE OF JCT OF SC-33 AND SC-267	RL-10019	AL	TP
3		SANTEE	030501110109	ORANGEBURG	LAKE MARION APPROX 90 YARDS FROM SHORE BETWEEN MILL CK AND INDIAN BLUFF PARK LANDING -BETWEEN BIG DO	RL-13070	AL	TP
3		SANTEE	030501110109	CLARENDON	LAKE MARION NEAR SANTEE NATL WILDLIFE REFUGE APPROX 3 MI ESE OF ROUND ISLAND	RL-13074	AL	TP
3		SANTEE	030501110109	CLARENDON	LAKE MARION APPROX 0.5 MI SW OF END OF DUBOISE DR	RL-13086	AL	TP
3		SANTEE	030501110109	ORANGEBURG	LAKE MARION APPROX 250 YDS SW OF SOUTHEAST TIP OF SIXTEEN ISLAND	RL-13090	AL	TP
3		SANTEE	030501110109	SUMTER	UPPER SANTEE RIVER 0.2 KM UPSTRM OF MOUTH OF BROADWATER CR.	SC-004	REC	ECOLI
3		SANTEE	030501110109	SUMTER	UPPER LAKE MARION NEAR PACK'S LANDING	SC-005	AL	DO, TP
3		SANTEE	030501110109	CALHOUN	UPPER LAKE MARION AT CHANNEL MARKER 150	SC-010	AL	TP
3		SANTEE	030501110109	ORANGEBURG	UPPER LAKE MARION @ HEADWATERS OF CHAPEL BRANCH CREEK	SC-014	AL	CHLA, TP
3		SANTEE	030501110109	CLARENDON	UPPER LAKE MARION 2.0 KM BELOW RIMINI RAILROAD TRESTLE	SC-039	AL	DO, TP
3		SANTEE	030501110109	ORANGEBURG	MID LAKE MARION @ CHANNEL MARKER 79	SC-040	AL	TP
3		SANTEE	030501110109	CLARENDON	MID LAKE MARION 3.2 KM NORTH OF CHANNEL MARKER 79	SC-041	AL	TP
3		SANTEE	030501110109	CLARENDON	MID LAKE MARION @ NORTH END OF I-95 / U.S. 301 BRIDGES	SC-042	AL	TP
3		SANTEE	030501110109	ORANGEBURG	STREAM FLOWING THRU SANTEE NATIONAL GOLF COURSE POND @ HWY 6	SC-045	AL	DO
3		SANTEE	030501110109	SUMTER	STREAM ORIGINATING UPSTRM OF SAFETY KLEEN HAZARDOUS LANDFILL	SC-058	AL	DO, PH
3		SANTEE	030501110109	ORANGEBURG	LK MARION AT OLD US 301/15 BRDG AT SANTEE (SC-015)	ST-025	AL	TP
3		SANTEE	030501110109	CLARENDON	LAKE MARION @ DAM	ST-027	FISH	HG
3		SANTEE	030501110109	CALHOUN	LAKE MARION AT RR TRESTLE AT LONE STAR (SC-008)	ST-034	AL	TP
3		SANTEE	030501110109	SUMTER	LAKE MARION @ RIMINI	ST-519	FISH	HG
3		SANTEE	030501110109	CALHOUN	LAKE MARION @ LOW FALLS LANDING	ST-529	FISH	HG
3		SANTEE	030501120101	BERKELEY	LOWER SANTEE RIVER AT WILSON'S LANDING BELOW SPILLWAY DAM	SC-024	AL	DO
3		SANTEE	030501120101	BERKELEY	LOWER SANTEE RIVER AT WILSON'S LANDING BELOW SPILLWAY DAM	SC-024	REC	ECOLI
3		SANTEE	030501120101	BERKELEY	SANTEE RIVER BELOW LAKE MARION (WILSONS)	ST-532	FISH	HG

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3		SANTEE	030501120102	CLARENDON	BENNETTS BRANCH AT S-14-351 11.5 MI SSE OF MANNING	ST-536	AL	BIO
3		SANTEE	030501120102	CLARENDON	BENNETTS BRANCH AT S-14-351 11.5 MI SSE OF MANNING	ST-536	REC	ECOLI
3		SANTEE	030501120102	CLARENDON	DOCTOR BRANCH AT SR 48	ST-537	AL	BIO
3		SANTEE	030501120105	BERKELEY	CRAWL CREEK AT US 52	RS-12071	AL	DO
3		SANTEE	030501120105	BERKELEY	CRAWL CREEK AT US 52	RS-12071	REC	ECOLI
3		SANTEE	030501120105	BERKELEY	REDIVERSION CANAL AT US 52 (SC-037A)	ST-031	FISH	HG
3		SANTEE	030501120106	WILLIAMSBURG	SANTEE RIVER @ US 52 (HWY 52 LANDING)	ST-528	FISH	HG
3		SANTEE	030501120206	BERKELEY	SANTEE RVR AT SC 41/US 17A NE OF JAMESTOWN	ST-001	FISH	HG
3		SANTEE	030501120302	CHARLESTON	WAMBAW CK AT EXTENSION OF S-10-857 -BRIDGE NEAR BOAT LANDING-; RUTLEDGE ROAD; ON GRAVEL NATIONAL FOR	CSTL-112	FISH	HG
3		SANTEE	030501120302	CHARLESTON	WAMBAW CK AT EXTENSION OF S-10-857 -BRIDGE NEAR BOAT LANDING-; RUTLEDGE ROAD; ON GRAVEL NATIONAL FOR	CSTL-112	REC	ECOLI
3	*	SANTEE	030501120303	CHARLESTON	SOUTH SANTEE RIVER 400 YARDS UPSTREAM FROM THE INTRACOASTAL WATERWAY SOUTH OF GOAT ISLAND	RO-08344	AL	TURBIDITY
3		SANTEE	030501120303	CHARLESTON	CEDAR CREEK AT CNTY RD 857 HAMPTON PLANTATION STATE PARK	RS-01056	REC	ECOLI
3		SANTEE	030501120303	CHARLESTON	UNNAMED TIDE CREEK ACROSS ICWW 0.5 MI NE OF MOUTH OF ALLIGATOR CREEK	RT-12033	AL	TURBIDITY
3		SANTEE	030501120303	CHARLESTON	S SANTEE RVR AT US 17	ST-006	FISH	HG
3		SANTEE	030501120303	CHARLESTON	S SANTEE RVR AT US 17	ST-006	REC	ENTERO
3		SANTEE	030501120402	GEORGETOWN	WADMACON CREEK @ SANDHOLE	CSTL-586	FISH	HG
3		SANTEE	030501120402	GEORGETOWN	WADMACON CREEK @ THE BLUFF	CSTL-587	FISH	HG
3		SANTEE	030501120403	GEORGETOWN	NORTH SANTEE RIVER AT BEACH CREEK	06A-03	SHELLFISH	FC
3		SANTEE	030501120403	GEORGETOWN	NORTH SANTEE BAY - E OF CANE ISLAND (C6-97)	06A-04A	SHELLFISH	FC
3		SANTEE	030501120403	GEORGETOWN	NORTH SANTEE RIVER - SW OF CANE ISLAND (C6-97)	06A-04B	SHELLFISH	FC
3		SANTEE	030501120403	GEORGETOWN	NORTH SANTEE RVR NEAR THE NORTHWESTERN TIP OF CONE ISL (C-3/-01)	06A-04C	SHELLFISH	FC
3		SANTEE	030501120403	GEORGETOWN	NORTH SANTEE RIVER AND MOSQUITO CREEK	06A-05	SHELLFISH	FC
3		SANTEE	030501120403	GEORGETOWN	AIWW AT MINUM CREEK	06A-11	SHELLFISH	FC
3		SANTEE	030501120403	GEORGETOWN	NORTH SANTEE RIVER @ HARRIS LANDING	CSTL-593	FISH	HG
3		SANTEE	030501120403	GEORGETOWN	MINIM CREEK, 9 M S OF GEORGETOWN	RT-01654	AL	TURBIDITY
3		SANTEE	030501120403	GEORGETOWN	N SANTEE RVR AT US 17	ST-005	FISH	HG
3		SANTEE	030502010101	BERKELEY	DIVERSION CANAL AT SC 45 12.6 MI W OF ST STEPHENS (SC-025)	CSTL-079	FISH	HG
3		SANTEE	030502010101	BERKELEY	LAKE MOULTRIE @ DAM	CSTL-080	FISH	HG
3		SANTEE	030502010101	BERKELEY	TRIBUTARY 0.6 KM UPSTR OF SC HWY. 6 NEAR CROSS HS	SC-026	REC	ECOLI
3		SANTEE	030502010101	BERKELEY	DUCK POND CREEK AT HWY. 6	SC-034	REC	ECOLI
3		SANTEE	030502010101	BERKELEY	LAKE MOULTRIE @ FRED L. DAY LANDING	ST-530	FISH	HG
3		SANTEE	030502010101	BERKELEY	LAKE MOULTRIE @ HATCHERY LANDING	ST-531	FISH	HG

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3		SANTEE	030502010201	BERKELEY	WALKER SW AT US 52 2.5 MI S ST STEPHENS	ST-007	AL	DO
3		SANTEE	030502010203	BERKELEY	WADBOO SWP AT SC 402	CSTL-113	FISH	HG
3		SANTEE	030502010203	BERKELEY	WADBOO SWP AT SC 402	CSTL-113	REC	ECOLI
3		SANTEE	030502010301	BERKELEY	TURKEY CK AT FOREST SERVICE RD 251 IRISHTOWN FM SC 402	RS-02483	REC	ECOLI
3		SANTEE	030502010304	BERKELEY	EAST FORK OF COOPER RIVER NEAR QUINBYCR	CSTL-564	FISH	HG
3		SANTEE	030502010401	CHARLESTON	TOOMER CREEK 2.5 MI E SC 41 BRIDGE OVER WANDO RIVER	RT-06012	AL	DO
3		SANTEE	030502010402	CHARLESTON	HOBCAW CREEK 1 - NEXT TO THE PIER LOCATED AT THE END OF E HOBCAW DR.	HC1	REC	ENTERO
3		SANTEE	030502010402	CHARLESTON	HOBCAW CREEK 2 - END OF THE FLOATING L-SHAPED DOCK AT I'ON NEIGHBORHOOD CREEK CLUB	HC2	REC	ENTERO
3		SANTEE	030502010402	BERKELEY	BERESFORD CREEK 5.3 MI NNE OF WANDO AND COOPER RIVER CONFLUENCE	RO-056092	AL	DO
3		SANTEE	030502010402	CHARLESTON	BOONE HALL CREEK 1.5 MI WNW OF INTERSECTION OF US 17 AND SC 41	RT-052100	REC	ENTERO
3		SANTEE	030502010503	BERKELEY	WASSAMASSAW SWP AT US 176	CSTL-063	REC	ECOLI
3		SANTEE	030502010601	DORCHESTER	DORCHESTER CK AT SC 165	CSTL-013	AL	DO
3		SANTEE	030502010601	DORCHESTER	SAWMILL BR AT SC 78 E OF SUMMERTVILLE	CSTL-043	AL	DO
3		SANTEE	030502010602	DORCHESTER	ASHLEY RVR AT SC 165 4.8 MI SSW OF SUMMERTVILLE	CSTL-102	REC	ECOLI, ENTERO
3		SANTEE	030502010603	DORCHESTER	EAGLE CK AT SC 642 5 MI SSE OF SUMMERTVILLE	CSTL-099	REC	ENTERO
3		SANTEE	030502010604	DORCHESTER	ASHLEY RIVER @ DORCHESTER STATE PARK	CSTL-560	FISH	HG
3		SANTEE	030502010604	CHARLESTON	ASHLEY RVR AT MAGNOLIA GARDENS	MD-049	AL	PH, TURBIDITY
3		SANTEE	030502010604	CHARLESTON	ASHLEY RVR AT MAGNOLIA GARDENS	MD-049	REC	ENTERO
3		SANTEE	030502010604	CHARLESTON	ASHLEY RV 1.8 MI NW RUNNYMEDE PLANTATION	RT-032046	REC	ENTERO
3		SANTEE	030502010605	CHARLESTON	ASHLEY RIVER 1 - TRIANGULATE BETWEEN TREE LINE ON ISLAND, PEAK OF ROOF ON RICE BUILDING, AND ROAD S	AR1	REC	ENTERO
3		SANTEE	030502010605	CHARLESTON	BRITTLEBANK PARK - END OF FLOATING DOCK FACING SOUTHWEST	AR2	REC	ENTERO
3		SANTEE	030502010605	CHARLESTON	ASHLEY RIVER BETWEEN OLDTOWN CREEK AND THE ASHLEY RIVER MEMORIAL BRIDGE NEAR MIDCHANNEL.	RO-09363	REC	ENTERO
3		SANTEE	030502010605	CHARLESTON	JAMES ISLAND CREEK N OF WHITE HALL PLANTATION	RT-052098	AL	DO
3		SANTEE	030502010605	CHARLESTON	ORANGEGROVE CREEK SE OF LOOP IN BOARDMAN RD	RT-12020	REC	ENTERO
3		SANTEE	030502010605	CHARLESTON	WAPPOO CUT PUBLIC BOAT LANDING - END OF WESTERN FLOATING DOCK AT THE WAPPOO CUT PUBLIC BOAT RAMP	WC1	REC	ENTERO
3		SANTEE	030502010701	BERKELEY	TAIL RACE CANAL AT US 52 AND 17A BELOW LAKE MOULTRIE -SC-033	CSTL-062	FISH	HG

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3		SANTEE	030502010703	BERKELEY	FOSTER CREEK AT CHARLESTON CPW WATER INTAKE	MD-240	AL	DO
3		SANTEE	030502010704	BERKELEY	BACK RIVER RES IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CSTL-124	AL	DO
3		SANTEE	030502010704	BERKELEY	COOPER RIVER @ BUSHY PARK	MD-042	FISH	HG
3		SANTEE	030502010704	BERKELEY	DURHAM CK AT S-08-9 BRIDGE	MD-217	FISH	HG
3		SANTEE	030502010706	BERKELEY	GOOSE CK AT S-08-136 BRIDGE	MD-039	REC	ENTERO
3		SANTEE	030502010706	CHARLESTON	GOOSE CK AT US 52 N CHTN	MD-114	AL	DO
3		SANTEE	030502010706	BERKELEY	GOOSE CK RES 2.3 M S OF GOOSE CREEK TOWN CENTER	RL-01008	AL	DO
3		SANTEE	030502010706	BERKELEY	GOOSE CREEK RESERVOIR 1.0 MI NW OF SPILLWAY NEAR W SHORELINE	RL-03340	AL	CHLA, DO, TP
3		SANTEE	030502010706	BERKELEY	GOOSE CREEK RESERVOIR 2.8 MI NW OF SPILLWAY NEAR OTRANTO	RL-04390	AL	CHLA, DO, TP
3		SANTEE	030502010706	BERKELEY	GOOSE CREEK RESERVOIR 0.55 MI W OF DAM	RL-05412	AL	TP
3		SANTEE	030502010706	BERKELEY	GOOSE CREEK RESERVOIR 2 MI N OF SPILLWAY	RL-06434	AL	DO
3		SANTEE	030502010706	BERKELEY	GOOSE CK RESERVOIR 0.6 MI NW OF 2ND POWERLINES US OF BOAT RAMP, NEAR W SHORE BTWN 2 WESTERN EMBAYMEN	RL-07017	AL	DO
3		SANTEE	030502010706	BERKELEY	GOOSE CK RESERVOIR MIDLAKE IN LINE WITH NORTHBROOK BLVD	RL-08065	AL	TP
3		SANTEE	030502010706	BERKELEY	GOOSE CREEK RESERVOIR 0.1 MILE NORTHEAST OF THE JOHN R. BETTIS BOAT LANDING AND 0.1 MILES SOUTHEAST	RL-09081	AL	CHLA, TP
3		SANTEE	030502010706	BERKELEY	LAKE, GOOSE CK RESERVOIR 1.95MI WEST OF POPPENHEIM CROSSING	RL-10104	AL	CHLA, DO, TP
3		SANTEE	030502010706	BERKELEY	LAKE, GOOSE CK RESERVOIR 1.95MI WEST OF POPPENHEIM CROSSING	RL-10104	REC	ECOLI
3		SANTEE	030502010706	BERKELEY	LAKE, GOOSE CK RESERVOIR 2.5MI SW OF POPPENHEIM CROSSING	RL-10108	AL	CHLA, DO, TP
3		SANTEE	030502010706	BERKELEY	GOOSE CREEK RESERVOIR APPROXIMATELY 1.3 MILES UPSTREAM FROM THE DAM. SITE IS LOCATED 100 YARDS SOUTH	RL-11118	AL	CHLA, PH, TP
3		SANTEE	030502010706	BERKELEY	GOOSE CK RESERVOIR APPROX 250 YDS NW OF END OF HANAHAN RD	RL-13132	AL	PH, TP
3		SANTEE	030502010706	BERKELEY	GOOSE CREEK RESERVOIR 2.58 MILES NORTH OF JOHN R BETTIS LANDING	RL-15109	AL	CHLA, TP
3		SANTEE	030502010706	BERKELEY	GOOSE CREEK RESERVOIR 100 M US OF DAM	ST-032	AL	TP
3		SANTEE	030502010706	BERKELEY	GOOSE CK RESERVOIR AT 2ND POWERLINES US OF BOAT RAMP	ST-033	AL	TP
3		SANTEE	030502010707	CHARLESTON	CLARK SOUND AT OCEAN VIEW FLATS	10A-16	SHELLFISH	FC
3		SANTEE	030502010707	CHARLESTON	FLUDD'S CREEK AT CLARK SOUND	10A-16A	SHELLFISH	FC
3		SANTEE	030502010707	CHARLESTON	CLARK SOUND, 550 YDS EAST OF STATION 10A-16A	10A-16B	SHELLFISH	FC
3		SANTEE	030502010707	CHARLESTON	OUTFALL OF MORRIS ISLAND DISCHARGE	10A-29	SHELLFISH	FC
3		SANTEE	030502010707	CHARLESTON	DEMETRE PARK (SUNRISE PARK) - END OF SUNRISE PARK DOCK FACING NORTHEAST TOWARDS THE OLD VILLAGE OF M	CH1	REC	ENTERO
3		SANTEE	030502010707	CHARLESTON	FILBIN CREEK AT VIRGINIA AVE, NORTH CHARLESTON	MD-249	REC	ENTERO
3	*	SANTEE	030502010707	CHARLESTON	CHARLESTON HARBOR 0.5 MI SE OF MOUTH OF SHEM CK	RO-036044	AL	CU
3		SANTEE	030502010707	CHARLESTON	CHARLESTON HARBOR; COOPER RIVER SIDE APPROX 365 YDS E OF BATTERY BETWEEN SHELLFISH SITES 10B-05 AND	RO-12316	REC	ENTERO
3	*	SANTEE	030502010707	CHARLESTON	UNNAMED TRIBUTARY TO PARROT POINT CREEK 0.8 MI S OF FT JOHNSON	RT-042072	AL	TURBIDITY
3		SANTEE	030502010707	CHARLESTON	CLARK SOUND APPROX 85 YDS S OF THE END OF LIGHTHOUSE RD. COULD BE DONE OFF ONE OF THE DOCKS TO THE E	RT-14088	AL	DO
3		SANTEE	030502010707	CHARLESTON	CLARK SOUND APPROX 85 YDS S OF THE END OF LIGHTHOUSE RD. COULD BE DONE OFF ONE OF THE DOCKS TO THE E	RT-14088	REC	ENTERO
3		SANTEE	030502020105	CHARLESTON	RANTOWLES CREEK AT CONFLUENCE OF STONO RIVER	11-18	SHELLFISH	FC

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3		SANTEE	030502020202	CHARLESTON	STONO RIVER AT ELLIOT'S CUT	11-01	SHELLFISH	FC
3		SANTEE	030502020202	CHARLESTON	STONO RIVER AT SOUTHERN BOUNDARY OF ST. JOHN'S YACHT HARBOR MARINA CLOSURE ZONE	11-02A	SHELLFISH	FC
3		SANTEE	030502020202	CHARLESTON	AIWW AT MARKER #21A	11-11	SHELLFISH	FC
3		SANTEE	030502020202	CHARLESTON	STONO RIVER (AIWW) AT MARKER #27	11-12	SHELLFISH	FC
3		SANTEE	030502020202	CHARLESTON	STONO RIVER (AIWW) AT MARKER #51	11-16	SHELLFISH	FC
3		SANTEE	030502020202	CHARLESTON	STONO RIVER (LOG BRIDGE CREEK) AT MARKER #54	11-17	SHELLFISH	FC
3		SANTEE	030502020202	CHARLESTON	STONO RIVER AT MOUTH OF PENNY CREEK NEAR MARKER #25	11-27	SHELLFISH	FC
3		SANTEE	030502020202	CHARLESTON	MOUTH OF ELLIOTT CUT AT EDGE WTR DR (S-10-26 OFF HW 17)	MD-025	AL	DO
3		SANTEE	030502020202	CHARLESTON	STONO RVR AT SC 700	MD-026	AL	DO
3		SANTEE	030502020202	CHARLESTON	STONO RVR AT S-10-20 2 MI UPSTRM OF CLEMSON EXP STA	MD-202	REC	ENTERO
3		SANTEE	030502020203	CHARLESTON	UNNAMED TRIB APPROX 0.4 MI NNE OF MOUTH OF CHAPLIN CREEK	RT-13052	AL	DO
3		SANTEE	030502020204	CHARLESTON	FOLLY CREEK AT SECESSIONVILLE POLLUTION LINE (10A-15A)	MD-274	AL	TURBIDITY
3		SANTEE	030502020205	CHARLESTON	ABBAPOOLA CREEK AT FIRST LARGE BEND	11-06	SHELLFISH	FC
3		SANTEE	030502020205	CHARLESTON	ABBAPOOLA CREEK AT CONFLUENCE WITH SMALL CREEK ON WEST BANK AT SEVENTH BEND (C-4/99)	11-06A	SHELLFISH	FC
3		SANTEE	030502020205	CHARLESTON	CINDER CREEK AT PUBLIC DOCK (3RD BEND FROM CONFLUENCE WITH BASSK CREEK) (C5-01)	11-34	SHELLFISH	FC
3		SANTEE	030502020205	CHARLESTON	BASS CREEK AT PUBLIC DOCK (5TH BEND FROM CONFLUENCE WITH CINDER CREEK (C5-01)	11-35	SHELLFISH	FC
3		SANTEE	030502020205	CHARLESTON	ABBAPOOLA CREEK@ BLIND ROAD	MD-802	REC	ENTERO
3		SANTEE	030502020205	CHARLESTON	TRIBUTARY TO STONO INLET, 11 M SW OF CHARLESTON	RT-01642	AL	TURBIDITY
3		SANTEE	030502020205	CHARLESTON	BASS CREEK APPROX 140 M SW OF SHELLFISH SITE 11-31	RT-16116	AL	TURBIDITY
3		SANTEE	030502060402	CHARLESTON	STONO RIVER (AIWW) AT MARKER #63	11-15	SHELLFISH	FC
3		SANTEE	030502090101	CHARLESTON	ALLIGATOR CREEK AT STATE SHELLFISH GROUND (06B-12)	MD-265	AL	TURBIDITY
3		SANTEE	030502090101	CHARLESTON	E FORK OF DEVILS DEN CK HEADWATERS	RT-02016	AL	CU
3		SANTEE	030502090101	CHARLESTON	DEVILS DEN CREEK JUST UPCREEK OF FIRST MAJOR TRIB	RT-13053	AL	TURBIDITY
3		SANTEE	030502090101	CHARLESTON	RAMHORN CREEK 4.5 MILES EAST OF MCCELLANVILLE	RT-15097	AL	TURBIDITY
3		SANTEE	030502090201	CHARLESTON	AWENDAW CREEK AT US 17	MD-250	REC	ENTERO
3		SANTEE	030502090202	CHARLESTON	TIBWIN CREEK AT MARKER #42	07-05	SHELLFISH	FC
3		SANTEE	030502090202	CHARLESTON	SANDY POINT CREEK - 4TH BEND	07-15	SHELLFISH	FC
3		SANTEE	030502090202	CHARLESTON	AIWW, MIDWAY BETWEEN TIBWIN CREEK AND MATTHEWS CREEK	07-21	SHELLFISH	FC
3		SANTEE	030502090202	CHARLESTON	TIBWIN CREEK PAST FIRST BEND, AT FIRST SMALL CREEK ON RIGHT	07-22	SHELLFISH	FC
3		SANTEE	030502090202	CHARLESTON	JEREMY CK NEAR BOAT LANDING AT MCCLELLANVILLE TOWN HALL	MD-203	AL	DO
3		SANTEE	030502090202	CHARLESTON	JEREMY CK NEAR BOAT LANDING AT MCCLELLANVILLE TOWN HALL	MD-203	REC	ENTERO
3		SANTEE	030502090202	CHARLESTON	AWENDAW CREEK AT MARKER #57 (07-03)	MD-268	AL	TURBIDITY
3		SANTEE	030502090202	CHARLESTON	AIWW MIDWAY BETWEEN AWENDAW AND GRAHAM CREEK	MD-793	REC	ENTERO
3		SANTEE	030502090202	CHARLESTON	AIWW DOCK ACROSS FROM THE ENTRANCE OF GRAHAM CREEK	MD-794	REC	ENTERO
3		SANTEE	030502090202	CHARLESTON	AIWW TRIB NORTH OF SEWEE CAMP AND SOUTH OF HOUSES	MD-796	REC	ENTERO

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3		SANTEE	030502090202	CHARLESTON	TRIBUTARY TO MATHEWS CREEK, 1 M S OF MCLELLANVILLE	RT-01623	AL	TURBIDITY
3		SANTEE	030502090202	CHARLESTON	VENNING CREEK 0.7 MI FROM MOUTH OF VANDERHORST CREEK	RT-07060	AL	TURBIDITY
3		SANTEE	030502090202	CHARLESTON	LITTLE PAPAS CREEK 0.5 MILES NNE OF CONFLUENCE WITH PAPAS CREEK	RT-11009	AL	TURBIDITY
3		SANTEE	030502090202	CHARLESTON	LITTLE SETT CREEK BETWEEN SETT CREEK AND FIVE FATHOM CREEK	RT-16137	AL	TURBIDITY
3		SANTEE	030502090203	CHARLESTON	AIWW ADJACENT TO WILD DUNES GOLF COURSE STORM DRAINAGE OUTFALL	09A-18	SHELLFISH	FC
3		SANTEE	030502090204	CHARLESTON	UPPER INLET CREEK AT JENNIE CREEK	09A-30	SHELLFISH	FC
3		SANTEE	030502090204	CHARLESTON	BAY AT END OF UPPER INLET CREEK	09A-31	SHELLFISH	FC
3		SAVANNAH	030502010707	OCONEE	WHETSTONE CREEK, UPSTREAM PORTION NEAR MOUTH	MC-03	AL	BIO
3		SAVANNAH	030601010102	OCONEE	LAKE JOCASSEE TOXAWAY RIVER ARM	CL-018	FISH	HG
3		SAVANNAH	030601010104	OCONEE	LAKE JOCASSEE @ END OF SEC RD 25	SV-313	FISH	HG
3		SAVANNAH	030601010105	PICKENS	LAKE JOCASSEE APPROX 1.6 MI S OF SV-335 AT BIG TURN IN LAKE AROUND LARGE LAND POINT	RL-13080	AL	TN
3		SAVANNAH	030601010204	OCONEE	LAKE KEOWEE AT NUCLEAR PLANT NEAR DAM	CL-017	FISH	HG
3		SAVANNAH	030601010204	OCONEE	LAKE KEOWEE @ SEC RD 44 (FALL CR. ACCESS)	SV-229A	FISH	HG
3		SAVANNAH	030601010302	OCONEE	NORTH FORK LITTLE RIVER AT S-37-73 -CRESTWOOD DR- WSW OF SALEM	RS-12089	REC	ECOLI
3		SAVANNAH	030601010305	OCONEE	LK KEOWEE AT SC 188 - CANE CK ARM 3.5 MI NW SENECA	SV-311	FISH	HG
3		SAVANNAH	030601010402	PICKENS	NORTH FORK AT US 178 2.9 MI N OF PICKENS	SV-206	AL	BIO
3		SAVANNAH	030601010405	PICKENS	RICES CREEK AT SR 158	SV-740	AL	BIO
3		SAVANNAH	030601010406	PICKENS	GOLDEN CREEK AT GOLDEN CRK. RD.	SV-738	AL	BIO
3		SAVANNAH	030601010408	PICKENS	LAKE HARTWELL - TWELVE MI CK ARM AT SC 133	SV-107	FISH	PCB
3		SAVANNAH	030601010502	OCONEE	CONEROSS CK AT SC 59	SV-004	AL	CD
3		SAVANNAH	030601010503	OCONEE	SNOW CREEK AT S-37-51 4.9 MI SW OF SENECA	RS-05412	REC	ECOLI
3		SAVANNAH	030601010503	OCONEE	LAKE HARTWELL @ CONEROSS CREEK	SV-799	FISH	HG, PCB
3		SAVANNAH	030601010601	PICKENS	WOODSIDE BR AT US 123 1.5 MI E OF LIBERTY	SV-241	AL	PH
3		SAVANNAH	030601010602	ANDERSON	EIGHTEENMILE CK AT S-39-93 S OF CENTRAL	SV-135	AL	PH
3		SAVANNAH	030601010602	ANDERSON	EIGHTEENMILE CK AT 2-04-279	SV-233	AL	CD
3		SAVANNAH	030601010602	ANDERSON	LAKE HARTWELL - EIGHTEEN MILE CK ARM AT S-04-1098	SV-268	AL	TN, TP, TURBIDITY

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3		SAVANNAH	030601010701	ANDERSON	CHARLES CREEK AT UNNUMBERED RIDGE ROAD OFF S-04-485	RS-03506	AL	BIO
3		SAVANNAH	030601010702	ANDERSON	THREE AND TWENTY CREEK AT S-04-280	SV-111	AL	CD
3		SAVANNAH	030601010702	ANDERSON	THREE AND TWENTY CREEK AT SR 29	SV-735	AL	BIO
3		SAVANNAH	030601010704	ANDERSON	LAKE HARTWELL 6 M NNW OF ANDERSON	RL-01020	AL	PH
3		SAVANNAH	030601010801	PICKENS	SIXMILE CREEK AT S-39-160	SV-205	REC	ECOLI
3		SAVANNAH	030601010803	PICKENS	MARTIN CK ARM OF LAKE HARTWELL AT S-37-65 N OF CLEMSON	SV-106	FISH	HG, PCB
3		SAVANNAH	030601020209	OCONEE	CHATTOOGA RVR AT US ROUTE 76	SV-199	AL	PH
3		SAVANNAH	030601020210	OCONEE	LAKE TUGALOO 1.01 MILES NORTH OF DAM	RL-15105	AL	TN
3		SAVANNAH	030601020210	OCONEE	LONG CREEK AT S-37-538 -ORCHARD ROAD	RS-14201	REC	ECOLI
3		SAVANNAH	030601020304	OCONEE	UNNAMED TRIB AT BRIDGE ON CO RD S-37-142 (BRIDGE ROAD) 5.8 MI SW OF WESTMINSTER. BRIDGE IS 75 YARDS	RS-04380	REC	ECOLI
3		SAVANNAH	030601020304	OCONEE	CHAUGA RIVER AT S-37-34	SV-344	AL	CD
3		SAVANNAH	030601020304	OCONEE	CHAUGA RIVER AT S-37-34	SV-344	REC	ECOLI
3		SAVANNAH	030601020403	OCONEE	LAKE YONAH	CL-015	FISH	HG
3		SAVANNAH	030601020403	OCONEE	EAST LONGNOSE CREEK AT S-37-160 -CLEVELAND PIKE ROAD	RS-13137	REC	ECOLI
3		SAVANNAH	030601020403	OCONEE	TUGALOO LAKE	SV-599	FISH	HG
3		SAVANNAH	030601020502	OCONEE	TRIBUTARY OF CHOESTOEA CRK. AT SR 429	SV-790	AL	BIO
3		SAVANNAH	030601020505	OCONEE	MUD CREEK AT BRIDGE ON S-37-99 2.9 MI NE OF FAIR PLAY	RS-06170	REC	ECOLI
3		SAVANNAH	030601020505	OCONEE	BEAVERDAM CREEK AT S-37-66	SV-345	AL	PH
3		SAVANNAH	030601020505	ANDERSON	BEAVERDAM CREEK AT SC 243	SV-364	AL	PH
3		SAVANNAH	030601020505	ANDERSON	BEAVERDAM CREEK AT SC 243	SV-364	REC	ECOLI
3		SAVANNAH	030601020507	OCONEE	CHAUGA RIVER @ TUGALOO R. (TABOR ACCESS)	SV-234	FISH	PCB
3		SAVANNAH	030601030202	ANDERSON	LAKE BROADWAY APPROX 0.4 MI NW OF SPILLWAY NEAR SHORE	RL-16112	AL	PH
3		SAVANNAH	030601030202	ANDERSON	BROADWAY LAKE; NEAR CENTER; APPROX 225 YARDS SW OF END OF GILMER ROAD OFF MULDROW PARK AREA	RL-16120	AL	CHLA, PH
3		SAVANNAH	030601030202	ANDERSON	CUPBOARD CK AT S-04-733 AB BREAZEALE ST PLANT & BL BLAIR HILL	SV-139	AL	DO
3		SAVANNAH	030601030202	ANDERSON	BROADWAY CREEK AT US 76 BTWN ANDERSON & BELTON	SV-141	AL	TURBIDITY
3		SAVANNAH	030601030202	ANDERSON	BROADWAY CRK. AT SR 48	SV-791	AL	BIO
3		SAVANNAH	030601030203	ANDERSON	ROCKY RVR AT S-04-263 2.7 MI SE ANDERSON AT STP	SV-031	AL	TURBIDITY
3		SAVANNAH	030601030203	ANDERSON	BETSY CK AT S-04-259 BL FIBERGLAS OUTFALL	SV-037	REC	ECOLI
3		SAVANNAH	030601030203	ANDERSON	ROCKY RVR AT S-04-152 BL ROCKY RVR STP	SV-041	AL	TURBIDITY

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3		SAVANNAH	030601030204	ANDERSON	HEN COOP CREEK AT SR 244	SV-044	AL	BIO
3		SAVANNAH	030601030205	ABBEVILLE	LAKE SECESSION; VERY SMALL COVE ALONG CATFISH COVE ROAD OFF S-01-457. A FEW POTENTIAL DOCKS ALONG EA	RL-16044	AL	PH
3		SAVANNAH	030601030205	ANDERSON	LK SECESSION, 1 1/4 MI BELOW SC ROUTE 28	SV-331	AL	PH
3		SAVANNAH	030601030206	ANDERSON	EAST BEARDS CREEK AT C P HANKS ROAD	RS-15281	REC	ECOLI
3		SAVANNAH	030601030401	ANDERSON	DEVILS FORK CK AT BUSBY RD OFF S-04-22	RS-02490	REC	ECOLI
3		SAVANNAH	030601030402	ANDERSON	BIG GENEROSTEE CR. AT SC 187	SV-101	AL	BIO
3		SAVANNAH	030601030404	ANDERSON	LITTLE GENEROSTEE CREEK AT TINY MCCONNELL RD OFF OF S-04-105 4.1 MI SW OF STARR (CREEK CROSSES ROAD	RS-05414	REC	ECOLI
3		SAVANNAH	030601030405	ANDERSON	LAKE RUSSELL AT SC 181 6.5 MI SW STARR	SV-100	FISH	HG
3		SAVANNAH	030601030405	ANDERSON	LAKE HARTWELL @ DAM	SV-642	FISH	HG, PCB
3		SAVANNAH	030601030410	ABBEVILLE	LAKE RUSSELL @ VAN CREEK	CL-096	FISH	HG
3		SAVANNAH	030601030411	ABBEVILLE	LAKE RUSSELL @ DAM	CL-097	FISH	HG
3		SAVANNAH	030601030508	ABBEVILLE	MCKENLEY CREEK AT SC 72	RS-16306	AL	CD
3		SAVANNAH	030601030508	ABBEVILLE	GILL CR. AT SR 32	SV-644	AL	BIO
3		SAVANNAH	030601030510	ABBEVILLE	CALHOUN CREEK AT SC 28, 1.5 M NW OF ABBEVILLE	RS-01049	AL	DO
3		SAVANNAH	030601030512	ABBEVILLE	LITTLE RIVER AT S-01-32	SV-348	AL	BIO
3		SAVANNAH	030601030602	ABBEVILLE	UNNAMED TRIB TO BAILEY'S CREEK AT S-1-171 4.8 MI NNE OF ABBEVILLE	RS-06190	AL	BIO
3		SAVANNAH	030601030603	ABBEVILLE	JOHNS CREEK AT SR 159	SV-734	AL	BIO
3		SAVANNAH	030601030605	ABBEVILLE	DOUBLE BRANCH AT S-01-33	SV-054	AL	BIO
3		SAVANNAH	030601030609	ABBEVILLE	LONG CANE CR. AT SR 33	SV-056	AL	BIO
3		SAVANNAH	030601030709	MCCORMICK	LONG CANE CREEK (LAKE THURMOND)	SV-057	FISH	HG
3		SAVANNAH	030601030710	MCCORMICK	LITTLE RIVER @ SC 81	SV-699	FISH	HG
3		SAVANNAH	030601030711	MCCORMICK	VALL BRANCH AT BRIDGE ON SC 28	RS-09286	REC	ECOLI

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3		SAVANNAH	030601030712	MCCORMICK	CLARKS HILL RESERVOIR HEADWATERS (SAVANNAH RVR)	CL-040	FISH	HG
3		SAVANNAH	030601030713	MCCORMICK	CLARKS HILL RESERVOIR IN FOREBAY NEAR DAM	CL-041	FISH	HG
3		SAVANNAH	030601030713	MCCORMICK	HAWE CREEK @ SECONDARY ROAD 44	SV-066	AL	CU, ZN
3		SAVANNAH	030601030713	MCCORMICK	UNNAMED TRIB TO HAWE CREEK@ STREAM MOUTH	SV-818	AL	PH
3		SAVANNAH	030601060201	AIKEN	VAUCLUSE POND	SV-685	FISH	HG
3		SAVANNAH	030601060202	AIKEN	FLAT ROCK POND IN FOREBAY NEAR DAM	SV-686	FISH	HG
3		SAVANNAH	030601060203	AIKEN	LANGLEY POND	SV-531	FISH	HG
3		SAVANNAH	030601060601	AIKEN	UNNAMED TRIBUTARY TO THE SAVANNAH RIVER AT RIVER BLUFF RD IN THE RAPIDS S/D IN NORTH AUGUSTA. SAMPLE	RS-04544	AL	BIO
3		SAVANNAH	030601060601	AIKEN	SAVANNAH RIVER @ N. AUGUSTA ST. PARK	SV-800	FISH	HG
3		SAVANNAH	030601060607	AIKEN	SAVANNAH RIVER @ JACKSON LANDING	SV-691	FISH	HG
3		SAVANNAH	030601060705	ALLENDALE	LOWER THREE RUNS CK AT SC 125 11 MI NW OF ALLENDALE	SV-175	REC	ECOLI
3		SAVANNAH	030601060801	BARNWELL	FOURMILE BRANCH AT SRP ROAD A-7	SV-326	REC	ECOLI
3		SAVANNAH	030601060805	BARNWELL	SAVANNAH RIVER @ STEEL CREEK	SV-801	FISH	HG
3		SAVANNAH	030601060806	ALLENDALE	SAVANNAH RIVER @ LITTLE HELL LANDING	SV-690	FISH	HG
3		SAVANNAH	030601060902	ALLENDALE	BRIAR CRK. AT S-102	SV-745	AL	PH
3		SAVANNAH	030601060902	ALLENDALE	BRIAR CREEK@ SC HWY 3	SV-814	AL	PH
3		SAVANNAH	030601060902	ALLENDALE	BRIAR CREEK@ COUNTY RD. 53 NEAR GILL CROSSROADS	SV-815	AL	PH
3		SAVANNAH	030601060902	ALLENDALE	STONEY CREEK@ COUNTY RD. 53	SV-816	AL	PH
3		SAVANNAH	030601060905	ALLENDALE	SAVANNAH RIVER @ COHEN'S BLUFF	SV-802	FISH	HG
3		SAVANNAH	030601060905	ALLENDALE	SAVANNAH RIVER @ JOHNSONG'S LANDING	SV-803	FISH	HG
3		SAVANNAH	030601070101	GREENWOOD	HARD LABOR CREEK AT S-24-164 BRIDGE	SV-151	AL	BIO
3		SAVANNAH	030601070103	MCCORMICK	HARD LABOR CK @ SR 23	SV-731	AL	BIO
3		SAVANNAH	030601070106	MCCORMICK	DOCTORS BRANCH AT S-33-21 6.75 MI E OF MCCORMICK	RS-03342	AL	BIO
3		SAVANNAH	030601070106	MCCORMICK	CUFFYTOWN CREEK AT S-33-138	SV-351	AL	BIO
3		SAVANNAH	030601070303	EDGEFIELD	STEVENS CREEK AT S-33-88/S-19-143	SV-354	REC	ECOLI
3		SAVANNAH	030601070305	EDGEFIELD	HORN CK AT S-19-143	SV-371	REC	ECOLI

2018 SC 303(d) List of Impaired Waters by 12-Digit HUC

PRIORITY RANK	NOTE	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)
3		SAVANNAH	030601090107	JASPER	SAVANNAH RVR OFF B&C LANDING OFF S-27-201	SV-369	AL	TURBIDITY, ZN
3		SAVANNAH	030601090107	HAMPTON	SAVANNAH RIVER @ STOKES BLUFF LANDING	SV-687	FISH	HG
3		SAVANNAH	030601090107	JASPER	SAVANNAH RIVER @ B & C LANDING	SV-804	FISH	HG
3		SAVANNAH	030601090303	JASPER	CYPRESS CREEK AT S-27-119	SV-356	AL	DO
3		SAVANNAH	030601090303	JASPER	CYPRESS CREEK AT S-27-119	SV-356	REC	ECOLI
3		SAVANNAH	030601090304	JASPER	UNNAMED SWAMP AT BRIDGE ON S-27-119 ONE MILE WEST OF TILLMAN	RS-04372	AL	ZN
3		SAVANNAH	030601090305	JASPER	SAVANNAH RIVER @ BECK'S FERRY	SV-209	FISH	HG
3		SAVANNAH	030601090305	JASPER	SAVANNAH RIVER @ MILLSTONE LANDING	SV-805	FISH	HG
3		SAVANNAH	030601090306	JASPER	WRIGHT RIVER 1.9 MI SE OF TURN BRIDGE LANDING	RT-032032	AL	TURBIDITY
3		SAVANNAH	030601090306	JASPER	WRIGHT RIVER NEAR HEADWATERS	RT-12038	REC	ENTERO
3		SAVANNAH	030601090306	JASPER	WRIGHT RVR 0.75MI SW OF GLASGOW LANDING AND 0.96 MILES EAST OF TURN BRIDGE LANDING	RT-15102	AL	TURBIDITY
3		SAVANNAH	030601090306	JASPER	WRIGHT RVR 0.75MI SW OF GLASGOW LANDING AND 0.96 MILES EAST OF TURN BRIDGE LANDING	RT-15102	REC	ENTERO
1		SAVANNAH	030601090307	JASPER	SAVANNAH RIVER APPROX 1.3 MI WNW OF THE MOUTH OF FIELDS CUT	RO-14357	AL	DO
3		SAVANNAH	030601100202	BEAUFORT	NEW RIVER 2.5 MILES UP FROM STATION 19-02A	19-21	SHELLFISH	FC
3		SAVANNAH	030601100202	JASPER	NEW RIVER 0.8 MILES SE OF CONFLUENCE OF WALTS CUT TO WRIGHT RIVER	RO-15377	AL	TURBIDITY
3		SAVANNAH	030601100202	BEAUFORT	NEW RIVER 3.4 MI SSE OF SC 170 BRIDGE OVER NEW RIVER	RT-06021	REC	ENTERO
3		SAVANNAH	030601100202	JASPER	NEW RIVER NEAR COLEMAN ISLAND	RT-16134	REC	ENTERO
3		SAVANNAH	030601100301	BEAUFORT	MAY RIVER AT FIRST DOCK IN HEADWATERS PAST BLUFF	19-19	SHELLFISH	FC
3		SAVANNAH	030601100301	BEAUFORT	UNNAMED TRIBUTARY NEAR SW CORNER OF CASCOIGNE BLUFF	19-19A	SHELLFISH	FC
3		SAVANNAH	030601100301	BEAUFORT	BEND IN MAY RIVER NEAREST HIGH BLUFF OF PALMETTO BLUFF	19-19B	SHELLFISH	FC
3		SAVANNAH	030601100301	BEAUFORT	FIRST UNNAMED TRIBUTARY LEADING FROM GASCOIGNE BLUFF	19-19C	SHELLFISH	FC

Appendix A:

Impacts Due to Hydrologic Modification and other Pollution (IR Category 4C Waters)

Upper Saluda River:

On August 31, 2017, DHEC received a petition from South Carolina Rivers Forever (SCRF) to designate the 14-mile section of the Saluda River downstream of the Saluda Lake Dam to the headwaters of Piedmont Lake as a hydrologically impaired waterbody under Category 4C of the South Carolina 2018 Integrated Report (IR). SCRF is a coalition of conservation organizations and they contend that aquatic life and recreational uses in this stretch of the Saluda River have been impaired due to hydrologic alterations caused by the operation of the Saluda Lake Dam.

SCDHEC does not place waterbodies impaired due to hydrologic alterations on the 303(d) List of Impaired Waters. The 303(d) List is reserved for those waterbodies that are impaired due to a regulated pollutant for which a Total Maximum Daily Load (TMDL) is required. Category 4C of the Integrated Report is reserved for those waterbodies that are impaired due to pollution that is not caused by a pollutant load, so a TMDL is not needed.

SCDHEC agrees with SCRF that aquatic life and recreational uses in the 14-mile section of the Saluda River downstream of the Saluda Lake Dam are impaired due to hydrologic alterations. This impairment is not the result of a pollutant and thus, DHEC is listing this segment under IR Category 4C.

Appendix B:

2018 Waters of Concern: Sites will be targeted for additional review through the 2020 303(d) listing cycle. While not currently included on the §303(d) List of Impaired Waters, these locations have the potential to be listed as impaired in 2020.

Appendix B: SC Waters Of Concern (Not Impaired)

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE	REMARK
BROAD	030501050805	CHEROKEE	BUFFALO CK AT SC 5 1 MI W OF BLACKSBURG	B-057	AL	PB	Water of Concern
BROAD	030501050902	CHEROKEE	NELLS BRANCH AT S-11-44; 9.1 MI ESE OF GAFFNEY	RS-11050	AL	PB	Water of Concern
BROAD	030501050902	CHEROKEE	KINGS CREEK AT S-11-209; 3 MI W OF SMYRNA	B-333	AL	PB	Water of Concern
BROAD	030501051003	CHEROKEE	GILKEY CREEK AT S-11-92 -BRIDGE HOUSE RD	RS-13162	AL	PB	Water of Concern
BROAD	030501051004	CHEROKEE	THICKETTY CK AT SC 211 2 MI AB JCT WITH BROAD RVR	B-062	AL	PB	Water of Concern
BROAD	030501051102	YORK	BULLOCK CK AT S-46-889. THIS IS THE SECOND BRIDGE COMING FROM S-46-1052	RS-10336	AL	PB	Water of Concern
BROAD	030501051103	YORK	BULLOCK CK AT SC 97 4.8 MI S OF HICKORY GROVE	B-159	AL	PB	Water of Concern
BROAD	030501051301	SPARTANBURG	UNNAMED TRIB TO MOTLOW CK AT S-42-869	RS-10380	AL	PB	Water of Concern
BROAD	030501051302	SPARTANBURG	LAKE BOWEN 2.65MI NE OF JCT OF US 26 AND SC-292	RL-10015	AL	PB	Water of Concern
BROAD	030501051302	SPARTANBURG	ALEXANDER CK AT SC HWY 11	RS-10348	AL	PB	Water of Concern
BROAD	030501051402	SPARTANBURG	CHINQUAPIN CK AT BRIDGE ON GARNER RD NEAR N PINE ST	RS-09316	AL	PB	Water of Concern
BROAD	030501051501	SPARTANBURG	LAKE BLALOCK 450M ENE OF BUCK CREEK CHURCH	RL-10103	AL	PB	Water of Concern
BROAD	030501051503	CHEROKEE	ZEKIAL CREEK AT SC 110	RS-14182	AL	PB	Water of Concern
BROAD	030501051506	CHEROKEE	PACOLET RVR AT SC 105 6 MI AB JCT WITH BROAD RVR	B-048	AL	PB	Water of Concern
BROAD	030501051601	CHEROKEE	BROAD RVR AT SC 18 4 MI NE GAFFNEY	B-042	AL	PB	Water of Concern
BROAD	030501051604	CHEROKEE	BROAD RVR AT SC 211 12 MI SE OF GAFFNEY	B-044	AL	PB	Water of Concern

Appendix B: SC Waters Of Concern (Not Impaired)

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE	REMARK
BROAD	030501060105	CHESTER	TURKEY CK AT SC 9, 14 MI NW OF CHESTER	B-136	AL	PB	Water of Concern
BROAD	030501060205	CHESTER	SANDY RVR AT SC 215 2.5 MI AB JCT WITH BROAD RVR	B-075	AL	PB	Water of Concern
BROAD	030501060305	CHESTER	BROAD RVR AT SC 72/215/121 3 MI E OF CARLISLE	B-046	AL	PB	Water of Concern
BROAD	030501060405	NEWBERRY	KERR CK AT S-36-436	RS-10387	AL	PB	Water of Concern
BROAD	030501060503	FAIRFIELD	WEIR CK AT S-20-90	RS-10339	AL	PB	Water of Concern
BROAD	030501060603	RICHLAND	BIG CEDAR CK AT SC 215	B-320	AL	PB	Water of Concern
BROAD	030501060701	NEWBERRY	CRIMS CREEK AT BRIDGE AT S-36-170; 2.7 MI E OF POMARIA	RS-11041	AL	PB	Water of Concern
BROAD	030501060708	RICHLAND	FOOTBRIDGE OVER UPSTREAM GATES OF DRINKING WATER CANAL AT BROAD RIVER	B-834	AL	CD	Water of Concern
BROAD	030501070201	SPARTANBURG	LAKE COOLEY 2.75MI SSW OF JCT OF US 176 AND SC-292	RL-10110	AL	PB	Water of Concern
BROAD	030501070301	GREENVILLE	MUSH CK AT SC 253 BL TIGERVILLE	B-317	AL	CD	Water of Concern
BROAD	030501070301	GREENVILLE	J. ROBINSON LAKE 1.2 MILES SOUTHEAST FROM THE BRIDGE AT S-23-113 AND 1.3 MILES NORTHWEST OF CL-100	RL-09085	AL	PB	Water of Concern
BROAD	030501070302	GREENVILLE	LAKE CUNNINGHAM 2.1MI NNE OF JCT OF SC-101 AND SC-290	RL-10107	AL	PB	Water of Concern
BROAD	030501070305	SPARTANBURG	BRUSHY CK AT BRIDGE ON S-42-194	RS-09284	AL	PB	Water of Concern
BROAD	030501070404	UNION	SUGAR CREEK AT S-44-223 -BOGAN RD- BRIDGE	RS-13146	AL	PB	Water of Concern
BROAD	030501070405	UNION	FAIRFOREST CREEK AT S-44-279 GIST BRIDGE RD	RS-14210	AL	PB	Water of Concern
BROAD	030501070406	UNION	BRIDGE OVER MORRIS BRANCH AT S-44-163 -DEEP WATER ROAD	RS-13114	AL	PB	Water of Concern
BROAD	030501070406	UNION	FAIRFOREST CK AT S-44-16 SW OF UNION	BF-008	AL	PB	Water of Concern

Appendix B: SC Waters Of Concern (Not Impaired)

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE	REMARK
BROAD	030501070503	SPARTANBURG	TYGER RIVER AT S-42-113; 8.3 MI E OF WOODRUFF	RS-11034	AL	PB	Water of Concern
BROAD	030501080102	GREENVILLE	BRUSHY CK AT S-23-1973 -DRY POCKET RD	RS-10375	AL	PB	Water of Concern
BROAD	030501080106	LAURENS	ENOREE RIVER AT S-30-112 -BEAVERDAM CREEK RD- 1 LANE GIRDER BRIDGE; 0.3 MI W OF US 221	RS-11018	AL	PB	Water of Concern
BROAD	030501080106	LAURENS	ENOREE RVR AT S-42-118 SW OF WOODRUFF	B-037	AL	PB	Water of Concern
BROAD	030501080203	SPARTANBURG	CEDAR SHOALS CK AT S-42-204	RS-10403	AL	PB	Water of Concern
BROAD	030501080206	NEWBERRY	ENOREE RVR AT SC 72; 121; AND US 176; 1 MI NE WHITMIRE	B-053	AL	PB	Water of Concern
BROAD	030501080302	LAURENS	SOUTH FORK DUNCAN CREEK AT GRAVEL RD -LITTLE N CAROLINA RD- NEXT TO SEABOARD COAST LINE RR ENTER LIT	RS-06007	AL	PB	Water of Concern
CATAWBA	030501011505	YORK	LAKE WYLIE 1.15MI NE OF ENDING OF S-46-154 AT SOUTH POINT	RL-10012	AL	PB	Water of Concern
CATAWBA	030501011505	YORK	BRIDGE OVER CROWDERS CREEK AT S-46-152 -RIDDLE MILL ROAD	RS-13136	AL	PB	Water of Concern
CATAWBA	030501011508	YORK	TORRENCE BRANCH ARM OF LAKE WYLIE EVEN WITH CUL-DE-SAC AT END OF WTER TRACE DR	RL-13088	AL	PB	Water of Concern
CATAWBA	030501030109	LANCASTER	SUGAR CREEK AT S-46-36	CW-036	AL	PB	Water of Concern
CATAWBA	030501030203	LANCASTER	SIXMILE CREEK AT S-29-126 -COLLINS ROAD	RS-13168	AL	PB	Water of Concern
CATAWBA	030501030204	LANCASTER	TWELVEMILE CK AT S-29-55 0.3 MI NW OF VAN WYCK	CW-083	AL	PB	Water of Concern
CATAWBA	030501030304	LANCASTER	GILLS CREEK AT S-29-51; CAMP CREEK RD	RS-14200	AL	PB	Water of Concern
CATAWBA	030501030305	LANCASTER	CANE CK AT S-29-50	CW-017	AL	PB	Water of Concern

Appendix B: SC Waters Of Concern (Not Impaired)

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE	REMARK
CATAWBA	030501030402	YORK	FISHING CK AT S-46-1172; 4.7 MI SE OF YORK	RS-11056	AL	PB	Water of Concern
CATAWBA	030501030404	YORK	CONRAD CREEK AT S-46-1273 HAWLEY ROAD	RS-15284	AL	PB	Water of Concern
CATAWBA	030501030410	CHESTER	FISHING CREEK AT S-12-77	CW-233	AL	PB	Water of Concern
CATAWBA	030501030410	CHESTER	DAIRY BRANCH AT DEER BRANCH RD OFF US 21	RS-13152	AL	PB	Water of Concern
CATAWBA	030501030505	CHESTER	HODGES BRANCH AT S-12-354	RS-10331	AL	PB	Water of Concern
CATAWBA	030501030505	CHESTER	ROCKY CREEK AT SC 901; MOUNTAIN GAP RD	RS-14216	AL	PB	Water of Concern
CATAWBA	030501030505	CHESTER	ROCKY CK AT S-12-138	CW-236	AL	PB	Water of Concern
CATAWBA	030501030602	YORK	CATAWBA RVR AT US 21	CW-014	AL	PB	Water of Concern
CATAWBA	030501030604	LANCASTER	CATAWBA RVR AT SC 5 AB BOWATER	CW-041	AL	PB	Water of Concern
CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 1.0 MILES SOUTH OF SC 97 IN THE MIDDLE OF THE RESERVOIR.	RL-11119	AL	PB	Water of Concern
CATAWBA	030501030606	LANCASTER	LAKE; CEDAR CK RESERVOIR 2.60MI SSE OF JCT OF US 21 AND SC-97 ON EAST SIDE OF GREAT FALL RESERVOIR	RL-10102	AL	PB	Water of Concern
CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 40 YARDS FROM DAM AND 70 YARDS WEST OF SHORE OF POINT	RL-11117	AL	PB	Water of Concern
CATAWBA	030501040101	LANCASTER	BRIDGE AT SC HWY 97 OVER CEDAR CREEK -CEDAR CREEK ROAD	RS-13144	AL	PB	Water of Concern
CATAWBA	030501040105	FAIRFIELD	BIG WATeree CK AT US 21	CW-072	AL	PB	Water of Concern
CATAWBA	030501040202	KERSHAW	GRANNIES QUARTER CK AT SC 97	CW-237	AL	PB	Water of Concern
CATAWBA	030501040302	KERSHAW	BIG PINE TREE CK AT US 521; NW BRIDGE	CW-021	AL	PB	Water of Concern
CATAWBA	030501040305	KERSHAW	SWIFT CK AT S-28-12	CW-082	AL	PB	Water of Concern
CATAWBA	030501040401	KERSHAW	KELLY CK AT S-28-367 2.9 MI SE OF ELGIN	CW-154	AL	PB	Water of Concern
CATAWBA	030501040402	KERSHAW	SPEARS CK AT SC 12 3.6 MI SE OF ELGIN	CW-155	AL	PB	Water of Concern
CATAWBA	030501040402	KERSHAW	SPEARS CK AT US 601	CW-166	AL	PB	Water of Concern

Appendix B: SC Waters Of Concern (Not Impaired)

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE	REMARK
CATAWBA	030501040404	RICHLAND	COLONELS CK AT SC 262	CW-250	AL	PB	Water of Concern
EDISTO	030502030208	ORANGEBURG	BULL SWAMP CK AT S-38-189	E-042	AL	PB	Water of Concern
EDISTO	030502030210	ORANGEBURG	N FORK EDISTO RVR AT S-38-73	E-104	AL	PB	Water of Concern
EDISTO	030502030305	CALHOUN	MACK BRANCH AT SC 6; 5.5 M W OF ST MATHEWS	RS-01021	AL	PB	Water of Concern
EDISTO	030502030306	ORANGEBURG	CAW CAW SWAMP AT S-38-1032 -1148?	E-105	AL	PB	Water of Concern
EDISTO	030502050102	CALHOUN	FOUR HOLE SWAMP AT S-09-90	RS-10341	AL	PB	Water of Concern
EDISTO	030502060103	ORANGEBURG	UNNAMED TRIB TO UNNAMED TRIB TO EDISTO RVR AT S-38-63	RS-10334	AL	PB	Water of Concern
EDISTO	030502060108	COLLETON	EDISTO RVR AT US 15 S OF ST GEORGE	E-014	AL	PB	Water of Concern
EDISTO	030502060204	DORCHESTER	BIG BRANCH AT S-18-378	RS-10373	AL	PB	Water of Concern
PEEDEE	030402010408	CHESTERFIELD	INDIAN CK AT SCOTCH ROAD JUST OFF OF SC 102	RS-10377	AL	PB	Water of Concern
PEEDEE	030402010410	CHESTERFIELD	LAKE; JUNIPER 1.4MI SSE OF JCT OF US 1 AND US 52	RL-10101	AL	PB	Water of Concern
PEEDEE	030402010411	CHESTERFIELD	THOMPSON CK AT S-13-148 S OF CHERAW	PD-338	AL	PB	Water of Concern
PEEDEE	030402010501	CHESTERFIELD	GOODMANS CREEK AT US 52; BEST ON DOWNSTREAM SIDE; 3.8 MI NW OF CHERAW	RS-11004	AL	PB	Water of Concern
PEEDEE	030402010502	MARLBORO	WHITE CREEKS AT US 1	PD-191	AL	PB	Water of Concern
PEEDEE	030402010506	MARLBORO	LAKE WALLACE 0.6 MILES NORTH OF THE SKI IMPOUNDMENT BOAT LANDING. SITE IS LOCATED ABOUT MID CHANNEL	RL-09100	AL	PB	Water of Concern
PEEDEE	030402010507	MARLBORO	CROOKED CREEK AT SC 912	PD-063	AL	PB	Water of Concern
PEEDEE	030402010606	CHESTERFIELD	BLACK CK AT US 1	PD-251	AL	PB	Water of Concern
PEEDEE	030402010709	DARLINGTON	BLACK CK AT US 401 and 52 6 MI NW DARLINGTON	PD-024A	AL	PB	Water of Concern

Appendix B: SC Waters Of Concern (Not Impaired)

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE	REMARK
PEEDEE	030402010709	DARLINGTON	BLACK CK AT S-16-35 5.5 MI SE DARLINGTON	PD-027	AL	PB	Water of Concern
PEEDEE	030402011003	FLORENCE	GREAT PEE DEE RVR AT US 301/76	PD-337	AL	PB	Water of Concern
PEEDEE	030402011201	FLORENCE	PEE DEE RVR AT DE WITT BLUFF LANDING	RS-10365	AL	PB	Water of Concern
PEEDEE	030402020105	CHESTERFIELD	LYNCHE'S RIVER AT S-13-823 WINTERTIDE DRIVE/S-13-823	RS-15256	AL	PB	Water of Concern
PEEDEE	030402020206	KERSHAW	LITTLE LYNCHES RIVER AT SC 341; 3.5 MI SE OF BETHUNE	PD-344	AL	PB	Water of Concern
PEEDEE	030402020301	CHESTERFIELD	LITTLE FORK CK AT DIRT RD -S-13-151- OFF OF S-13-39. - DREW BAKER RD ACCORDING TO MAP NOT AT STOP SIG	RS-10361	AL	PB	Water of Concern
PEEDEE	030402020305	CHESTERFIELD	LYNCHE'S RVR AT S-13-42	PD-066	AL	PB	Water of Concern
PEEDEE	030402020307	CHESTERFIELD	LYNCHE'S RVR AT US 1	PD-009	AL	PB	Water of Concern
PEEDEE	030402020406	FLORENCE	LAKE SWAMP AT S-21-38	PD-345	AL	PB	Water of Concern
PEEDEE	030402020602	WILLIAMSBURG	LONG BRANCH AT CULVERT AT MOULDS RD. THIS CULVERT IS AT THE END OF PAVEMENT COMING FROM BEULAH RD	RS-10397	AL	PB	Water of Concern
PEEDEE	030402020703	FLORENCE	BIG SWP AT US 378 and SC 51 0.9 MI W OF SALEM	PD-169	AL	PB	Water of Concern
PEEDEE	030402040504	DILLON	LITTLE PEE DEE RVR AT S-17-23	PD-029E	AL	PB	Water of Concern
PEEDEE	030402040702	HORRY	BRUNSON SWAMP AT S-26-99	PD-370	AL	PB	Water of Concern
PEEDEE	030402040803	MARION	WHITE OAK CK AT S-34-31	PD-037	AL	PB	Water of Concern
PEEDEE	030402050105	LEE	SCAPE ORE SWAMP AT S-31-108	PD-355	AL	PB	Water of Concern
PEEDEE	030402050702	FLORENCE	KINGSTREE SWAMP AT S-21-514	RS-10381	AL	PB	Water of Concern
PEEDEE	030402050906	GEORGETOWN	BLACK RVR AT SC 51 11.6 MI NE OF ANDREWS	PD-170	AL	PB	Water of Concern

Appendix B: SC Waters Of Concern (Not Impaired)

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE	REMARK
PEEDEE	030402050909	GEOGETOWN	LANES CK AT SC 51 JUST NORTH OF OATLAND	RS-10349	AL	PB	Water of Concern
PEEDEE	030402060704	HORRY	WACCAMA W RVR AT SC 9 7.0 MI W OF CHERRY GROVE	MD-124	AL	PB	Water of Concern
PEEDEE	030402060705	HORRY	SIMPSON CREEK AT SC 905	PD-363	AL	PB	Water of Concern
PEEDEE	030402060803	HORRY	BROWN SWAMP AT US 701	RS-10389	AL	PB	Water of Concern
PEEDEE	030402060803	HORRY	KINGSTON LK NR PUMP STA ON LAKESIDE DR CONWAY	MD-107	AL	PB	Water of Concern
PEEDEE	030402070204	GEOGETOWN	PEE DEE RIVER AT PORTS HILL LANDING AT THE END OF CO RD S-22-753 9.5 MI SE OF HEMINGWAY SAMPLE SHOUL	RS-04377	AL	PB	Water of Concern
PEEDEE	030402070204	GEOGETOWN	PEE DEE RIVER AT PORTS HILL LANDING AT THE END OF PORTS HILL RD S-22-753 9.5 MI SE OF HEMINGWAY SAMP	RS-06157	AL	PB	Water of Concern
PEEDEE	030402070204	GEOGETOWN	PEE DEE RVR AT PETERS FIELD LANDING OFF S-22-36 US IP PUMP STATION	PD-060	AL	PB	Water of Concern
PEEDEE	030402070206	GEOGETOWN	UNNAMED TRIB TO THE PEE DEE RIVER AT US 701; 0.6 MI NE OF YAUHANNAH	RS-11039	AL	PB	Water of Concern
SALKEHATCHIE	030502070603	BAMBERG	SALKEHATCHIE RVR AT SC-641	RS-10410	AL	PB	Water of Concern
SALKEHATCHIE	030502070701	COLLETON	UNNAMED TRIB TO BLACK CK AT S-15-193	RS-10356	AL	PB	Water of Concern
SALKEHATCHIE	030502080102	HAMPTON	LAKE WARREN; BLACK CK ARM; AT S-25-41 5 MI SW OF HAMPTON	CSTL-075	AL	PB	Water of Concern
SALUDA	030501090101	GREENVILLE	CULVERT OVER FALL CREEK AT S-23-17	RS-09304	AL	PB	Water of Concern
SALUDA	030501090203	GREENVILLE	MILL CREEK AT CULVERT ON OLD OLD HWY 11 ROAD - SIDE ROAD OFF CURRENT SC 11-; 3.75 MI N OF MARIETTA	RS-11002	AL	PB	Water of Concern
SALUDA	030501090402	GREENVILLE	REEDY RVR AT S-23-30 3.9 MI SE GREENVILLE	S-013	AL	PB	Water of Concern
SALUDA	030501090402	GREENVILLE	REEDY RVR AT RIVERS ST; DOWNTOWN GREENVILLE	S-319	AL	PB	Water of Concern

Appendix B: SC Waters Of Concern (Not Impaired)

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE	REMARK
SALUDA	030501090403	GREENVILLE	HUFF CK AT SC 418 1.6 MI NW FORK SHOALS	S-178	AL	PB	Water of Concern
SALUDA	030501090404	GREENVILLE	REEDY RVR ON HWY 418 AT FORK SHOALS	S-072	AL	PB	Water of Concern
SALUDA	030501090404	GREENVILLE	REEDY RVR AT S-23-316 3.5 MI SSW OF MAULDIN	S-323	AL	PB	Water of Concern
SALUDA	030501090501	GREENVILLE	PAYNE BRANCH AT S-23-451	RS-10394	AL	PB	Water of Concern
SALUDA	030501090502	LAURENS	LAKE RABON NEAR NORTH RABON CREEK INFLOW	RL-11113	AL	PB	Water of Concern
SALUDA	030501090502	LAURENS	LAKE RABON 3.75MI SE OF HICKORY TAVERN AT JCT OF US 76 AND SC-101	RL-10109	AL	PB	Water of Concern
SALUDA	030501090701	GREENWOOD	CORONACA CREEK AT S-24-39; 5.1 MI NNE OF GREENWOOD	RS-11054	AL	PB	Water of Concern
SALUDA	030501090703	GREENWOOD	HENLEY CREEK AT BRIDGE ON SC 248	RS-09322	AL	PB	Water of Concern
SALUDA	030501090802	ABBEVILLE	BROAD MOUTH CK AT S-01-111	S-304	AL	PB	Water of Concern
SALUDA	030501090808	LAURENS	LAKE GREENWOOD 2.95MI WSW OF LAURENS/NEWBERRY COUNTY LINE ON SC-39	RL-10017	AL	PB	Water of Concern
SALUDA	030501090808	NEWBERRY	LAKE GREENWOOD 1.9MI WSW OF JCT OF SC-39 AND SC-56	RL-10001	AL	PB	Water of Concern
SALUDA	030501091003	SALUDA	LICK CK AT BRIDGE ON S-41-189	RS-09114	AL	PB	Water of Concern
SALUDA	030501091207	NEWBERRY	SALUDA RIVER ARM OF LAKE MURRAY 1.2 MILES SOUTHEAST OF S-223 JUST BEFORE THE CONFLUENCE WITH THE LIT	RL-09084	AL	PB	Water of Concern
SALUDA	030501091307	NEWBERRY	LAKE MURRAY 5.75MI EAST OF NORTH END OF SC-391 BRIDGE OVER LAKE MURRAY	RL-10009	AL	PB	Water of Concern
SALUDA	030501091311	LEXINGTON	COVE OF LAKE MURRAY BETWEEN WISE FERRY ROAD AND BRADY PORTH ROAD 0.75 MILES SOUTH OF THE TIP OF BUND	RL-09071	AL	PB	Water of Concern
SALUDA	030501100201	RICHLAND	LIGHTWOOD KNOT BRANCH AT TRENHOLM RD EXTENSION	RS-09323	AL	PB	Water of Concern

Appendix B: SC Waters Of Concern (Not Impaired)

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE	REMARK
SALUDA	030501100306	RICHLAND	CEDAR CREEK AT BRIDGE ON S-40-2561 NEAR BEULAH CHURCH AND GATE TO MCINTYRE AIRBASE; ROAD NOT ON COUN	RS-09312	AL	PB	Water of Concern
SALUDA	030501100402	CALHOUN	BUCKHEAD CK AT SC-419	RS-10408	AL	PB	Water of Concern
SANTEE	030501110106	CLARENDON	BIG BRANCH AT S-14-41 -SC-047	CW-243	AL	PB	Water of Concern
SANTEE	030501110109	ORANGEBURG	LAKE MARION 2MI NORTH OF WEST END OF I-95 BRIDGE OVER LAKE MARION	RL-10014	AL	PB	Water of Concern
SANTEE	030501110109	CLARENDON	LAKE MARION 0.65MI SSE OF SOUTHEAST END OF GREEN ISLAND	RL-10010	AL	PB	Water of Concern
SANTEE	030501120106	BERKELEY	SANTEE RVR AT US 52 6.5 MI NNW OF ST STEPHENS	ST-016	AL	PB	Water of Concern
SANTEE	030502010602	DORCHESTER	ASHLEY RVR AT SC 165 4.8 MI SSW OF SUMMERTOWN	CSTL-102	AL	PB	Water of Concern
SANTEE	030502010704	BERKELEY	BACK RIVER RES IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CSTL-124	AL	PB	Water of Concern
SAVANNAH	030601010202	PICKENS	EASTATOE CREEK AT S-39-143	SV-230	AL	PB	Water of Concern
SAVANNAH	030601010306	OCONEE	LAKE KEOWEE 1.25MI SE OF NEW HOPE CHURCH	RL-10016	AL	PB	Water of Concern
SAVANNAH	030601010407	PICKENS	TWELVEMILE CREEK AT S-39-267; 3.5 MI SW OF PICKENS	RS-11009	AL	PB	Water of Concern
SAVANNAH	030601010407	PICKENS	TWELVE MILE CK AT S-39-137	SV-362	AL	PB	Water of Concern
SAVANNAH	030601010502	OCONEE	CONEROSS CK AT SC 59	SV-004	AL	PB	Water of Concern
SAVANNAH	30601010503	OCONEE	LAKE HARTWELL AT S-37-184 6.5 MI SSE OF SENECA	SV-236	AL	CU	Water of Concern
SAVANNAH	030601010602	ANDERSON	EIGHTEENMILE CK AT 2-04-279	SV-233	AL	PB	Water of Concern
SAVANNAH	030601020304	OCONEE	CHAUGA RIVER AT S-37-34	SV-344	AL	PB	Water of Concern

Appendix B: SC Waters Of Concern (Not Impaired)

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE	REMARK
SAVANNAH	030601030201	ANDERSON	BEAVERDAM CREEK AT LONG ROAD S-04-18; OFF SC 81; 8.1 MI NE OF ANDERSON	RS-11045	AL	PB	Water of Concern
SAVANNAH	030601030202	ANDERSON	LAKE; BROADWAY 1.3MI SW OF JCT OF US 76 AND US 178	RL-10105	AL	PB	Water of Concern
SAVANNAH	030601030205	ABBEVILLE	LAKE SECESSION 4.75MI WSW OF JCT OF SC-28 AND SC- 284	RL-10018	AL	PB	Water of Concern
SAVANNAH	030601030205	ABBEVILLE	LAKE SECESSION 3.5MI WSW OF JCT OF SC-28 AND SC- 284	RL-10002	AL	PB	Water of Concern
SAVANNAH	030601030206	ANDERSON	WILSON CREEK AT OLD BRIDGE ON S-04-30 -FRED BRADFORD RD- WHICH IS BETWEEN SC 81 AND S-04-668 AND SOU	RS-11053	AL	PB	Water of Concern
SAVANNAH	030601030405	ANDERSON	LAKE RUSSELL 100M WNW OF SC END OF US 29 BRIDGE OVER LAKE RUSSELL	RL-10004	AL	PB	Water of Concern
SAVANNAH	030601030410	ABBEVILLE	LAKE RUSSELL 6MI WSW OF BROWN OAKS CHURCH AT JCT OF SC-81 AND S-01-900	RL-10006	AL	PB	Water of Concern
SAVANNAH	030601030508	ABBEVILLE	CLEAR CK AT S-01-163	RS-10402	AL	PB	Water of Concern
SAVANNAH	030601030512	ABBEVILLE	LITTLE RIVER AT S-01-32	SV-348	AL	PB	Water of Concern
SAVANNAH	030601030513	MCCORMICK	LITTLE RIVER AT S-33-19	SV-192	AL	PB	Water of Concern
SAVANNAH	030601030606	ABBEVILLE	LONG CANE CREEK AT S-01-159	SV-349	AL	PB	Water of Concern
SAVANNAH	030601030609	MCCORMICK	LONG CANE CK AT S-33-117 7.0 MI NW MCCORMICK	SV-318	AL	PB	Water of Concern
SAVANNAH	030601030711	MCCORMICK	VALL BRANCH AT BRIDGE ON SC 28	RS-09286	AL	PB	Water of Concern
SAVANNAH	030601030713	MCCORMICK	LAKE; CLARKS HILL RESERVOIR 2.6MI NNW OF JCT OF US 221 AND SC-23	RL-10013	AL	PB	Water of Concern
SAVANNAH	030601060205	AIKEN	HORSE CK AT S-02-145	SV-072	AL	PB	Water of Concern

Appendix B: SC Waters Of Concern (Not Impaired)

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE	REMARK
SAVANNAH	030601060601	AIKEN	UNNAMED TRIBUTARY TO THE SAVANNAH RIVER AT RIVER BLUFF RD IN THE RAPIDS S/D IN NORTH AUGUSTA. SAMPLE	RS-04544	AL	PB	Water of Concern
SAVANNAH	030601070106	MCCORMICK	CUFFYTOWN CREEK AT SC 67; 10.2 MI ENE OF MCCORMICK	RS-11005	AL	PB	Water of Concern
SAVANNAH	030601070108	MCCORMICK	STEVENS CREEK AT S-33-138	SV-365	AL	PB	Water of Concern
SAVANNAH	030601070208	EDGEFIELD	TURKEY CREEK AT S-33-227/S-19-68	SV-352	AL	PB	Water of Concern
SAVANNAH	030601070303	EDGEFIELD	STEVENS CREEK AT S-33-88/S-19-143	SV-354	AL	PB	Water of Concern
SAVANNAH	030601070305	EDGEFIELD	HORN CK AT S-19-143	SV-371	AL	PB	Water of Concern

Appendix C:

**Sites Not Included on 2018 303(d) List Due to Standard
Attainment, Identified Pollutant or Listing Error.**

Appendix C: SC Waters Removed from 2016 §303(d) List

BASIN8	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE	DELISTING REASON
BROAD	030501051402	SPARTANBURG	LAWSONS FORK CK AT S-42-108	BL-001	AL	BIO	POLLUTANT IDENTIFIED
BROAD	030501060304	UNION	NEALS CREEK AT SR 86	B-778	AL	BIO	STANDARD ATTAINED
CATAWBA	030501011504	YORK	CROWDERS CK AT S-46-564 NE CLOVER	CW-023	AL	CU	STANDARD ATTAINED
CATAWBA	030501011506	YORK	LK WYLIE AT SC 274 9 MI NE OF YORK	CW-200	AL	CHLA, TP	STANDARD ATTAINED
CATAWBA	030501030602	YORK	CATAWBA RVR AT US 21	CW-014	AL	DO	STANDARD ATTAINED
CATAWBA	030501030606	CHESTER	FISHING CK RES 3.8 M S OF FORT LAWN OFF W SHORE OF THE TOWN OF LAKE VIEW	RL-01012	AL	CHLA	STANDARD ATTAINED
CATAWBA	030501030606	CHESTER	CATAWBA RVR AT SC 9 AT FT LAWN	CW-016	REC	ECOLI	STANDARD ATTAINED
CATAWBA	030501040111	FAIRFIELD	LK WATeree AT END OF S-20-291	CW-207	AL	CHLA	STANDARD ATTAINED
EDISTO	030502060106	BAMBERG	EDISTO RVR AT US 21	E-013A	AL	CU	STANDARD ATTAINED
EDISTO	030502060308	COLLETON	EDISTO ISLAND BAY POINT	LC-082	REC	ENTERO	STANDARD ATTAINED
PEEDEE	030402010808	DARLINGTON	PEE DEE RVR AT SC 34 11 MI NE DARLINGTON	PD-028	AL	DO	STANDARD ATTAINED
PEEDEE	030402020408	FLORENCE	SPARROW SWAMP AT S-21-55 NR JOHNSONS CROSSROADS	PD-332	AL	DO	STANDARD ATTAINED
PEEDEE	030402040508	MARION	LITTLE PEE DEE AT S-34-60	PD-052	REC	ECOLI	STANDARD ATTAINED
PEEDEE	030402050109	SUMTER	ROCKY BLUFF SWAMP AT S-43-41	PD-201	REC	ECOLI	STANDARD ATTAINED
PEEDEE	030402070106	GEORGETOWN	SAMPIT RVR AT US 17	MD-077	AL	TURBIDITY	STANDARD ATTAINED
PEEDEE	030402070208	GEORGETOWN	WINYAH BAY MAIN CHANNEL, BUOY 19A, RANGE E	05-20	SHELLFISH	FC	STANDARD ATTAINED
PEEDEE	030402080305	HORRY	WAC-015-SINGLETON SWASH ARCADIA	WAC-015	REC	ENTERO	STANDARD ATTAINED
PEEDEE	030402080306	HORRY	23RD AVE SOUTH MB	WAC-024	REC	ENTERO	STANDARD ATTAINED
SALKEHATCHIE	030502070903	COLLETON	HORSESHOE CREEK AT SC 64	CSTL-071	REC	ECOLI	STANDARD ATTAINED

Appendix C: SC Waters Removed from 2016 §303(d) List

BASIN8	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE	DELISTING REASON
SALKEHATCHIE	030502071104	BEAUFORT	PARROT CREEK AND COOSAW RIVER MARKER #1 SHELLFISH 14-10	MD-281	AL	TURBIDITY	STANDARD ATTAINED
SALKEHATCHIE	030502080302	JASPER	CYPRESS CREEK AT S-27-108	CSTL-122	REC	ECOLI	STANDARD ATTAINED
SALKEHATCHIE	030502080407	JASPER	COOSAWHATCHIE RVR AT US 17 AT COOSAWHATCHIE	CSTL-107	AL	DO	LISTED IN ERROR
SALUDA	030501090102	GREENVILLE	N SALUDA RVR AT BRDG AB JCT WITH SALUDA RVR E OF SC 186	S-004	AL	BIO	POLLUTANT IDENTIFIED
SALUDA	030501090102	GREENVILLE	NORTH SALUDA R. AT US HWY 25	S-773	AL	BIO	STANDARD ATTAINED
SALUDA	030501090402	GREENVILLE	REEDY RVR AT RIVERS ST, DOWNTOWN GREENVILLE	S-319	AL	BIO	POLLUTANT IDENTIFIED
SALUDA	030501090602	LAURENS	BOYD MILL POND .6 KM W DAM	S-311	AL	PH	STANDARD ATTAINED
SALUDA	030501090602	GREENVILLE	REEDY R. AT SEC. RD. 68	S-778	AL	BIO	STANDARD ATTAINED
SALUDA	030501091003	SALUDA	CLOUDS CK AT US 378	S-324	AL	DO	STANDARD ATTAINED
SALUDA	030501091104	SALUDA	LITTLE SALUDA RVR AT US 378 E SALUDA	S-050	AL	PH	STANDARD ATTAINED
SALUDA	030501100301	RICHLAND	BROAD RIVER DIVERSION CANAL AT COLA WATER PLANT	B-080	REC	ECOLI	STANDARD ATTAINED
SALUDA	030501100301	LEXINGTON	CONGAREE RVR AT BLOSSOM ST (BROAD RIVER)	CSB-001R	REC	ECOLI	STANDARD ATTAINED
SANTEE	030501110104	CALHOUN	HALFWAY SWP CK AT SC 33 (SC-007)	C-015	AL	CU, ZN	STANDARD ATTAINED
SANTEE	030501110106	CLARENDRON	LK MARION @ JACK'S CK EMBAYMENT; USE SANTEE COOPER SC-012	RL-02306	AL	TP	STANDARD ATTAINED
SANTEE	030501110108	CLARENDRON	LAKE MARION 1.10 M SSE OF SANTEE NAT. WILDLIFE REFUGE AND 1MI S OF EAGLE POINT -SC-035	RL-01011	AL	TP	STANDARD ATTAINED
SANTEE	030501110108	CLARENDRON	LOWER LAKE MARION @ POTATO CREEK FLOODED EMBAYMENT	SC-019	AL	TP	STANDARD ATTAINED
SANTEE	030501110108	CLARENDRON	LK MARION, WYBOO CREEK ARM DS OF CLUBHOUSE BR (SC-023A)	ST-036	AL	NH3N	STANDARD ATTAINED

Appendix C: SC Waters Removed from 2016 §303(d) List

BASIN8	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE	DELISTING REASON
SANTEE	030501110109	ORANGEBURG	UPPER LAKE MARION @ HEADWATERS OF CHAPEL BRANCH CREEK	SC-014	AL	PH	STANDARD ATTAINED
SANTEE	030501110109	ORANGEBURG	STREAM FLOWING THRU SANTEE NATIONAL GOLF COURSE POND @ HWY 6	SC-045	AL	PH	STANDARD ATTAINED
SANTEE	030501120105	BERKELEY	REDIVERSION CANAL @ HWY. 45 BRIDGE	SC-037	AL	DO	STANDARD ATTAINED
SANTEE	030501120106	BERKELEY	SANTEE RVR AT US 52 6.5 MI NNW OF ST STEPHENS	ST-016	AL	PH	STANDARD ATTAINED
SANTEE	030502010101	BERKELEY	DIVERSION CANAL AT SC 45 12.6 MI W OF ST STEPHENS (SC-025)	CSTL-079	AL	CU	STANDARD ATTAINED
SANTEE	030502010101	BERKELEY	DIVERSION CANAL AT SC 45 12.6 MI W OF ST STEPHENS (SC-025)	CSTL-079	AL	DO	STANDARD ATTAINED
SANTEE	030502010401	BERKELEY	GUERIN CREEK AT OLD HOUSE CREEK	09B-12	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502010402	CHARLESTON	RAT HALL CRK AT CONFLUENCE WITH WANDO RVR. (C6-97/U4/01)	09B-18	SHELLFISH	FC	STANDARD ATTAINED
SANTEE	030502010706	BERKELEY	GOOSE CK RESERVOIR MIDLAKE IN LINE WITH NORTHBROOK BLVD	RL-08065	AL	DO	STANDARD ATTAINED
SANTEE	030502010706	BERKELEY	GOOSE CREEK RESERVOIR 100 M US OF DAM	ST-032	AL	CHLA	STANDARD ATTAINED
SANTEE	030502090202	CHARLESTON	FIVE FATHOM CREEK AT BULL RIVER (07-06A)	MD-267	AL	TURBIDITY	STANDARD ATTAINED
SAVANNAH	030601030205	ANDERSON	LK SECESSION, 1 1/4 MI BELOW SC ROUTE 28	SV-331	REC	ECOLI	STANDARD ATTAINED
SAVANNAH	030601100304	BEAUFORT	HILTON HEAD ISLAND LANDSEND DRIVE	LC-111	REC	ENTERO	STANDARD ATTAINED

Appendix D:

Sites Located Within an Approved TMDL Watershed

The following appendix includes a complete list of monitoring 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 monitoring site on the §303(d) list for the pollutant of concern. Attainment of the water quality standard should be achieved once a 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, monitoring sites were not impaired when the TMDL was initially 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 USEPA-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 TMDL(s) were developed and approved for the targeted watershed area. Both categories of sites are not included on the §303(d) list because the TMDL targets and percent 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 D includes all approved TMDL sites, descriptive information, development category, and SCDHEC technical document number for reference. TMDL targets and percent reductions for monitoring sites may be found in the USEPA-approved TMDL documents located at: <https://www.scdhec.gov/environment/your-water-coast/impaired-waters-contaminants-limits-303d-and-tmdl/approved-tmdls>. TMDL targets and percentage reductions for sites “within a TMDL area” are based on the nearest applicable monitoring sites with prescribed loadings as defined in the relevant TMDL document.

Appendix D: SC Waters With an Approved TMDL

BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	TMDL*	DHEC_TECH REPORT	APPROVAL DATE
BROAD	030501060603	BIG CEDAR CK AT SC 215	B-320	RICHLAND	REC	FC	InTMDL	007-01	3/26/2001
BROAD	030501080101	MOUNTAIN CK AT S-23-335	B-186	GREENVILLE	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080101	ENOREE RVR AT UNNUM RD W US 25 N TRAVELERS REST	BE-001	GREENVILLE	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080101	BEAVERDAM CK AT RD 1967	BE-039	GREENVILLE	REC	FC	InTMDL	016-04	9/30/2004
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	WnTMDL	016-04	9/30/2004
BROAD	030501080102	PRINCESS CREEK AT SUBER MILL RD, SECOND RD S OF US 29 OFF S-23-540	B-192	GREENVILLE	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080102	ROCKY CK AT BRDG IN BATESVILLE 1 MI AB JCT WITH ENOREE	BE-007	GREENVILLE	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080102	ENOREE RVR AT CO RD 164	BE-015	GREENVILLE	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080103	GILDER CK AT S-23-142 2.75 MI ENE OF MAULDIN	B-241	GREENVILLE	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080103	GILDER CK AT S-23-143 1/4 MI AB JCT WITH ENOREE RVR	BE-020	GREENVILLE	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080103	GILDER CK AT SC 14-AB GILDERS CK PT	BE-040	GREENVILLE	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080104	ENOREE RVR AT SC 296, 7.5 MI NE OF MAULDIN	BE-017	GREENVILLE	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080105	DURBIN CK ON S-23-160 3 MI E OF SIMPSONVILLE	B-035	GREENVILLE	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080105	DURBIN CREEK AT SC 418	B-097	LAURENS	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080106	ENOREE RVR AT S-42-118 SW OF WOODRUFF	B-037	LAURENS	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080106	LICK CK AT S-42-118 1 1/4 MI SW WOODRUFF	B-038	SPARTANBURG	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080106	ENOREE RVR AT S-30-112	B-040	LAURENS	REC	FC	WnTMDL	016-04	9/30/2004
BROAD	030501080106	ENOREE RVR AT S-30-75	BE-018	LAURENS	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080106	ENOREE RIVER AT S-30-112 (BEAVERDAM CREEK RD) 1 LANE GIRDER BRIDGE, 0.3 MI W OF US 221	RS-11018	LAURENS	REC	FC	WnTMDL	016-04	9/30/2004
BROAD	030501080201	BEAVERDAM CK AT S-30-97, 7 MI NE OF GRAY COURT	B-246	LAURENS	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080201	BEAVERDAM CREEK AT S-30-399 10 MI N OF LAURENS	RS-05566	LAURENS	REC	FC	WnTMDL	016-04	9/30/2004
BROAD	030501080202	WARRIOR CK AT US 221, 8 MI NNE OF LAURENS	B-150	LAURENS	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080203	CEDAR SHOALS CK AT S-42-204	RS-10403	SPARTANBURG	REC	FC	WnTMDL	016-04	9/30/2004
BROAD	030501080204	ENOREE RVR AT SC 49 SE OF WOODRUFF	B-041	LAURENS	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080204	ENOREE RVR AT US 221	BE-024	LAURENS	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080204	UNNAMED TRIB TO ENOREE RIVER AT S-30-314. SAMPLE UPSTREAM SIDE.	RS-12082	LAURENS	REC	FC	WnTMDL	016-04	9/30/2004
BROAD	030501080204	TWO MILE CREEK AT S-42-775 MILLER ROAD	RS-16309	SPARTANBURG	REC	FC	WnTMDL	016-04	9/30/2004
BROAD	030501080206	ENOREE RVR AT SC 72, 121, & US 176, 1 MI NE WHITMIRE	B-053	NEWBERRY	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080301	BEARDS FORK CK AT US 276 (I-385) 3.7 MI NNE OF CLINTON	B-231	LAURENS	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080302	SOUTH FORK DUNCAN CREEK AT GRAVEL RD (LITTLE N CAROLINA RD) NEXT TO SEABOARD COAST LINE RR	RS-06007	LAURENS	REC	FC	WnTMDL	016-04	9/30/2004
BROAD	030501080303	DUNCAN CK AT US 176 1.5 MI SE OF WHITMIRE	B-072	NEWBERRY	REC	FC	InTMDL	016-04	9/30/2004

Appendix D: SC Waters With an Approved TMDL

BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	TMDL*	DHEC_TECH REPORT	APPROVAL DATE
BROAD	030501080303	DUNCAN CREEK AT COUNTY RD 26, 4.5 M NE OF CLINTON	RS-01057	LAURENS	REC	FC	WnTMDL	016-04	9/30/2004
BROAD	030501080403	INDIAN CREEK AT MONUMENT ROAD OFF S-36-36	B-352	NEWBERRY	REC	FC	WnTMDL	016-04	9/30/2004
BROAD	030501080502	ENOREE RVR AT S-36-45 3.5 MI AB JCT WITH BROAD RVR	B-054	NEWBERRY	REC	FC	InTMDL	016-04	9/30/2004
BROAD	030501080102	BRUSHY CK AT S-23-164	BE-009	GREENVILLE	REC	FC	InTMDL	016-99	9/16/1999
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	InTMDL	016-99	9/16/1999
BROAD	030501080102	BRUSHY CK AT S-23-1973 -DRY POCKET RD	RS-10375	GREENVILLE	REC	FC	WnTMDL	016-99	9/16/1999
BROAD	030501080105	DURBIN CREEK AT SC 418	B-097	LAURENS	AL	PH	InTMDL	017-06	9/1/2006
BROAD	030501070101	MIDDLE TYGER RVR AT SC 14 2 MI SSW GOWANSVILLE	B-148	GREENVILLE	REC	FC	InTMDL	020-99	9/1/2006
BROAD	030501070103	MIDDLE TYGER RVR AT S-42-63	B-012	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070103	MIDDLE TYGER RVR AT S-42-64	B-014	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070103	MIDDLE TYGER RIVER AT HAMPTON RD	RS-13141	SPARTANBURG	REC	FC	WnTMDL	021-04	9/30/2004
BROAD	030501070201	N TYGER RVR AT US 29 7.2 MI W OF SPARTANBURG	B-219	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070201	TRIB TO N TYGER RVR AT UN# RD BL JACKSON #2 EFF	B-315	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070203	NORTH TYGER RVR AT S-42-231, 11 MI S OF SPARTANBURG	B-018A	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070301	MUSH CK AT SC 253 BL TIGERVILLE	B-317	GREENVILLE	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070302	LAKE CUNNINGHAM IN SMALL COVE OPPOSITE THE END OF LAKE HARBOR COURT	RL-16123	GREENVILLE	REC	FC	WnTMDL	021-04	9/30/2004
BROAD	030501070303	SOUTH TYGER RVR AT S-42-63	B-005	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070303	S TYGER RVR AT SC 290 3.7 MI E OF GREER	B-263	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070305	S TYGER RVR AT S-42-86, 5 MI NE OF WOODRUFF	B-332	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070305	BRUSHY CREEK AT BUSHY CREEK RD 10.7 MI SW OF SPARTANBURG	RS-05578	SPARTANBURG	REC	FC	WnTMDL	021-04	9/30/2004
BROAD	030501070401	FAIRFOREST CK AT US 221 S OF SPARTANBURG	B-020	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070401	FAIRFOREST CK AT S-42-651 3.5 MI SSE OF SPARTANBURG	B-164	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070401	TRIB TO FAIRFOREST CK 200 FT BL S-42-65	B-321	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070402	FAIRFOREST CK AT SC 56	B-021	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070402	KELSEY CK AT S-42-321	B-235	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070404	SUGAR CK AT BRIDGE ON S-44-25	RS-09281	UNION	REC	FC	WnTMDL	021-04	9/30/2004
BROAD	030501070404	SUGAR CREEK AT S-44-223 -BOGAN RD- BRIDGE	RS-13146	UNION	REC	FC	WnTMDL	021-04	9/30/2004
BROAD	030501070405	MITCHELL CK AT CO RD 233 2.3 MI SSW OF JONESVILLE	B-199	UNION	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070405	FAIRFOREST CK ON CO RD 12 SW OF JONESVILLE	BF-007	UNION	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070405	FAIRFOREST CREEK AT S-44-279 GIST BRIDGE RD	RS-14210	UNION	REC	FC	WnTMDL	021-04	9/30/2004
BROAD	030501070406	TOSCHS CK AT S-44-75 2 MI SW OF UNION	B-067A	UNION	REC	FC	InTMDL	021-04	9/30/2004

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BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	TMDL*	DHEC_TECH REPORT	APPROVAL DATE
BROAD	030501070406	TOSCHS CK AT ANIMAL SHELTER RD TO SEWAGE TP OFF SC 49 SW OF UNION	B-067B	UNION	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070406	FAIRFOREST CK AT S-44-16 SW OF UNION	BF-008	UNION	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070406	BRIDGE OVER MORRIS BRANCH AT S-44-163 -DEEP WATER ROAD	RS-13114	UNION	REC	FC	WnTMDL	021-04	9/30/2004
BROAD	030501070501	JIMMIES CK AT S-42-201 2 MI E OF WOODRUFF	B-019	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070502	DUTCHMAN CREEK AT MILLER TOWN ROAD	RS-15274	SPARTANBURG	REC	FC	WnTMDL	021-04	9/30/2004
BROAD	030501070503	TYGER RVR AT S-42-50 E. WOODRUFF	B-008	SPARTANBURG	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070503	TYGER RIVER AT S-42-113, 8.3 MI E OF WOODRUFF	RS-11034	SPARTANBURG	REC	FC	WnTMDL	021-04	9/30/2004
BROAD	030501070505	TINKER CK AT RD TO STP 1.3 MI SSE OF UNION	B-286	UNION	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070505	TINKER CK AT UN# CO RD 1.7 MI SSE OF UNION	B-287	UNION	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070505	TINKER CK AT S-44-278, 9 MI SSE OF UNION	B-336	UNION	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501070507	TYGER RVR AT SC 72 5.5 MI SW OF CARLISLE	B-051	UNION	REC	FC	InTMDL	021-04	9/30/2004
BROAD	030501050506	SUCK CK AT S-11-60 5 MI ENE OF CHESNEE	RS-07038	CHEROKEE	REC	FC	WnTMDL	022-04	9/30/2004
BROAD	030501050805	BUFFALO CK AT SC 5 1 MI W OF BLACKSBURG	B-057	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501050805	BUFFALO CREEK AT S-11-213, 2.2 MI NNW OF BLACKSBURG	B-119	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501050902	KINGS CREEK AT S-11-209, 3 MI W OF SMYRNA	B-333	CHEROKEE	REC	FC	WnTMDL	022-04	9/30/2004
BROAD	030501050902	NELLS BRANCH AT S-11-44, 9.1 MI ESE OF GAFFNEY	RS-11050	CHEROKEE	REC	FC	WnTMDL	022-04	9/30/2004
BROAD	030501051001	LIMESTONE CK AT S-11-301	B-128	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051002	IRENE CK AT S-11-307 2.5 MI W OF GAFFNEY	B-059	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051002	THICKETTY CREEK AT S-11-164	B-095	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051002	LITTLE THICKETTY CREEK AT S-42-307 1.2 MI NE OF COWPENS	RS-04376	SPARTANBURG	REC	FC	WnTMDL	022-04	9/30/2004
BROAD	030501051003	GILKEY CK AT S-11-231, 9 MI SE OF GAFFNEY	B-334	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051004	THICKETTY CK AT SC 211 2 MI AB JCT WITH BROAD RVR	B-062	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051004	THICKETTY CK AT SC 18 8.3 MI S OF GAFFNEY	B-133	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051101	CLARK FORK INTO CRAWFORD LK ON UN# RD NEAR SC 161 & 705-KINGS MT	B-325	YORK	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051101	LONG BRANCH ON SC 216 BL KINGS MTN PK REC AREA	B-326	YORK	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051102	BULLOCK CK AT S-46-889. THIS IS THE SECOND BRIDGE COMING FROM S-46-1052	RS-10336	YORK	REC	FC	WnTMDL	022-04	9/30/2004
BROAD	030501051103	BULLOCK CK AT SC 97 4.8 MI S OF HICKORY GROVE	B-159	YORK	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051103	BULLOCK CREEK AT SC 211 8.43 MI WSW OF YORK	RS-05394	YORK	REC	FC	WnTMDL	022-04	9/30/2004
BROAD	030501051202	PAGE CK AT S-42-1258 1.7 MI SE LANDRUM	B-301	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051203	N PACOLET RVR AT S-42-956 6.5 MI E LANDRUM	B-026	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051203	N PACOLET RVR AT S-42-978, 1 MI SE OF FINGERVILLE	B-126	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051203	OBED CREEK AT UNNUMBERED CHRISTOPHER ROAD OFF SC 11	RS-03514	SPARTANBURG	REC	FC	WnTMDL	022-04	9/30/2004
BROAD	030501051301	SPIVEY CK AT S-42-208 2.5 MI SSE OF LANDRUM	B-103	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051301	S PACOLET RVR AT S-42-866 1 MI SE CAMPOBELLO	B-302	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051301	UNNAMED TRIB TO MOTLOW CK AT S-42-869	RS-10380	SPARTANBURG	REC	FC	WnTMDL	022-04	9/30/2004

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BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	TMDL*	DHEC_TECH REPORT	APPROVAL DATE
BROAD	030501051401	LAWSONS FK CK AT S-42-40 BL INMAN MILL EFF	B-221	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051401	LAWSONS FORK CK AT S-42-218 2.7 MI SSE OF INMAN	B-277	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051401	LAWSONS FORK CK AT UN# RD BL MILLIKEN CHEM	B-278	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051401	LAWSONS FORK CK AT S-42-79 AT VALLEY FALLS	BL-005	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051401	MEADOW CK AT S-42-822	RS-02320	SPARTANBURG	REC	FC	WnTMDL	022-04	9/30/2004
BROAD	030501051402	LAWSONS FORK CK AT S-42-108	BL-001	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051402	CHINQUAPIN CK AT BRIDGE ON GARNER RD NEAR N PINE ST	RS-09316	SPARTANBURG	REC	FC	WnTMDL	022-04	9/30/2004
BROAD	030501051501	LITTLE BUCK CK AT UN# CO RD 2.3 MI SW OF CHESNEE	B-259	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051501	LAKE BLALOCK 0.1 MI SE BUCK CREEK CHURCH/S-42-189	RL-03345	SPARTANBURG	REC	FC	WnTMDL	022-04	9/30/2004
BROAD	030501051502	PACOLET RVR AT S-42-55 BL JCT OF N & S PACOLET R	B-028	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051503	ZEKIAL CREEK AT SC 110	RS-14182	CHEROKEE	REC	FC	WnTMDL	022-04	9/30/2004
BROAD	030501051504	POTTER BR ON RD 30 BL OUTFALL FROM HOUSING PROJ COWPENS	B-191	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051504	PACOLET RVR AT S-42-59, BEACON LIGHT ROAD IN CLIFTON	B-331	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051505	PACOLET RVR AB DAM AT PACOLET MILLS	BP-001	SPARTANBURG	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051506	PACOLET RVR AT SC 105 6 MI AB JCT WITH BROAD RVR	B-048	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051601	BROAD RVR AT SC 18 4 MI NE GAFFNEY	B-042	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051601	BROAD RIVER OFF BARGE IMMEDIATELY BEHIND DUKE ENERGY GASTON SHOALS HYDRO DAM. ACCESS OFF S-11-98 DRAVO RD THRU FACILITY.	RS-15246	CHEROKEE	REC	FC	WnTMDL	022-04	9/30/2004
BROAD	030501051602	CHEROKEE CK AT US 29 3 MI E OF GAFFNEY	B-056	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051603	CANOE CK AT S-11-245 1/2 MI W OF BLACKSBURG	B-088	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051603	PEOPLES CK AT S-11-50 6 MI E OF GAFFNEY	B-100	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051603	PEOPLES CK AT UNIMPROVED RD 2.3 MI E OF GAFFNEY	B-211	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051603	DOOLITTLE CK AT S-11-100 1.25 MI SE OF BLACKSBURG	B-323	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051604	BROAD RVR AT SC 211 12 MI SE OF GAFFNEY	B-044	CHEROKEE	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501051604	GUYONMOORE CREEK AT S-46-233	B-330	YORK	REC	FC	InTMDL	022-04	9/30/2004
BROAD	030501060102	ROSS BR TO TURKEY CK AT SC 49 SW OF YORK	B-086	YORK	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060102	TURKEY CREEK AT S-46-41 5.3 MI SW YORK	RS-05562	YORK	REC	FC	WnTMDL	028-05	9/11/2005
BROAD	030501060105	TURKEY CK AT SC 9, 14 MI NW OF CHESTER	B-136	CHESTER	REC	FC	InTMDL	028-05	9/11/2005
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	WnTMDL	028-05	9/11/2005
BROAD	030501060105	MCKELVEY CREEK AT S-12-306; GILCHRIST RD	RS-14178	CHESTER	REC	FC	WnTMDL	028-05	9/11/2005
BROAD	030501060202	DRY FORK AT S-12-304 2 MI SW OF CHESTER	B-074	CHESTER	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060204	LITTLE SANDY RIVER AT BRIDGE ON S-12-16	RS-09299	CHESTER	REC	FC	WnTMDL	028-05	9/11/2005

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BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	TMDL*	DHEC_TECH REPORT	APPROVAL DATE
BROAD	030501060205	SANDY RVR AT SC 215 2.5 MI AB JCT WITH BROAD RVR	B-075	CHESTER	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060205	SANDY RIVER AT BRIDGE ON S-12-42	RS-09291	CHESTER	REC	FC	WnTMDL	028-05	9/11/2005
BROAD	030501060302	MENG CK AT SC 49 2.5 MI E OF UNION	B-064	UNION	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060302	BROWNS CK AT S-44-86, 8 MI E OF UNION	B-155	UNION	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060302	TRIB TO MENG CK AT CLVT ON S-44-384 3 MI E OF UNION	B-243	UNION	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060302	GREGORYS CK AT S-44-86, 8 MI E OF UNION	B-335	UNION	REC	FC	InTMDL	028-05	9/11/2005
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	WnTMDL	028-05	9/11/2005
BROAD	030501060305	BROAD RVR AT SC 72/215/121 3 MI E OF CARLISLE	B-046	CHESTER	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060305	BROAD RVR AT SANDY AND BROAD RVR BOAT RAMP	B-351	CHESTER	REC	FC	WnTMDL	028-05	9/11/2005
BROAD	030501060401	MCCLURES CREEK AT SC-215 6.7 MI SE OF CARLISLE	RS-04527	FAIRFIELD	REC	FC	WnTMDL	028-05	9/11/2005
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	WnTMDL	028-05	9/11/2005
BROAD	030501060405	KERR CK AT S-36-436	RS-10387	NEWBERRY	REC	FC	WnTMDL	028-05	9/11/2005
BROAD	030501060406	BROAD RVR AT SC 34 14 MI NE OF NEWBERRY	B-047	FAIRFIELD	REC	FC	WnTMDL	028-05	9/11/2005
BROAD	030501060503	WEIR CK AT S-20-90	RS-10339	FAIRFIELD	REC	FC	WnTMDL	028-05	9/11/2005
BROAD	030501060504	WINNSBORO BR BELOW PLANT OUTFALL	B-077	FAIRFIELD	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060504	JACKSON CK AT S-20-54, 5 MI W OF WINNSBORO	B-102	FAIRFIELD	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060504	WINNSBORO BR AT US 321-AB WINNSBORO MILLS OUTFALL	B-123	FAIRFIELD	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060505	MILL CK AT S-20-48, 10 MI SW OF WINNSBORO	B-338	FAIRFIELD	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060506	BRIDGE OVER LITTLE RIVER AT S-20-22 -OLD DOUGLASS ROAD	RS-13124	FAIRFIELD	REC	FC	WnTMDL	028-05	9/11/2005
BROAD	030501060507	LITTLE RVR AT S-20-60 3.1 MI SE OF JENKINSVILLE	B-145	FAIRFIELD	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060507	LITTLE RVR AT SC 215, 1.5 MI NE OF CONFLUENCE WITH BROAD RVR	B-350	RICHLAND	REC	FC	InTMDL	028-05	9/11/2005
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	WnTMDL	028-05	9/11/2005
BROAD	030501060701	CRIMS CREEK AT BRIDGE AT S-36-170, 2.7 MI E OF POMARIA	RS-11041	NEWBERRY	REC	FC	WnTMDL	028-05	9/11/2005
BROAD	030501060704	HOLLINSHEAD CREEK AT S-40-80 5. MI N OF IRMO	RS-06003	RICHLAND	REC	FC	WnTMDL	028-05	9/11/2005
BROAD	030501060706	ELIZABETH LAKE AT SPILLWAY ON US 21	B-110	RICHLAND	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060707	CRANE CK AT S-40-43 UNDER I-20 - N COLA	B-316	RICHLAND	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060708	SMITH BR AT N MAIN ST (US 21) IN COLA	B-280	RICHLAND	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060708	BROAD RVR AT US 176 (BROAD RIVER RD) IN COLUMBIA	B-337	RICHLAND	REC	FC	InTMDL	028-05	9/11/2005
BROAD	030501060708	BROAD RIVER @ COLUMBIA DIVERSION CANAL	B-834	RICHLAND	REC	FC	WnTMDL	028-05	9/11/2005
BROAD	030501060708	SMITH BRANCH	CRK07	RICHLAND	REC	FC	WnTMDL	028-05	9/11/2005
BROAD	030501051103	LOVES CREEK AT SC 97	RS-08272	YORK	REC	ECOLI	InTMDL	0519-14	5/9/2014

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BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	TMDL*	DHEC_TECH REPORT	APPROVAL DATE
CATAWBA	030501030401	WILDCAT CK AT S-46-650	CW-006	YORK	REC	FC	InTMDL	004-02	6/19/2002
CATAWBA	030501030401	WILDCAT CK AT S-46-998 9 MI ENE OF MCCONNELLS	CW-096	YORK	REC	FC	InTMDL	004-02	6/19/2002
CATAWBA	030501030401	TOOLS FORK CREEK @ S-46-47	CW-169	YORK	REC	FC	WnTMDL	004-02	6/19/2002
CATAWBA	030501030401	TOOLS FORK AT S-46-195 7 MI NW OF ROCK HILL	CW-212	YORK	REC	FC	InTMDL	004-02	6/19/2002
CATAWBA	030501030402	FISHING CK AT S-46-347 DS YORK WWTP	CW-005	YORK	REC	FC	InTMDL	004-02	6/19/2002
CATAWBA	030501030402	FISHING CK AT SC 49 NE YORK	CW-029	YORK	REC	FC	InTMDL	004-02	6/19/2002
CATAWBA	030501030402	FISHING CREEK AT S-46-503	CW-225	YORK	REC	FC	InTMDL	004-02	6/19/2002
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	WnTMDL	004-02	6/19/2002
CATAWBA	030501030402	FISHING CK AT S-46-1172, 4.7 MI SE OF YORK	RS-11056	YORK	REC	FC	WnTMDL	004-02	6/19/2002
CATAWBA	030501030404	CONRAD CREEK AT S-46-1273 HAWLEY ROAD	RS-15284	YORK	REC	FC	WnTMDL	004-02	6/19/2002
CATAWBA	030501030407	FISHING CREEK AT S-46-163	CW-224	YORK	REC	FC	InTMDL	004-02	6/19/2002
CATAWBA	030501030407	FISHING CREEK AT S-12-195; HUMPBACK BRIDGE ROAD	RS-16320	CHESTER	REC	FC	WnTMDL	004-02	6/19/2002
CATAWBA	030501030408	NEELYS CREEK AT 2-46-997	CW-227	YORK	REC	FC	InTMDL	004-02	6/19/2002
CATAWBA	030501030408	TINKERS CK AT S-12-599	CW-234	CHESTER	REC	FC	InTMDL	004-02	6/19/2002
CATAWBA	030501030409	FISHING CK AT SC 223 NE RICHBURG	CW-008	CHESTER	REC	FC	InTMDL	004-02	6/19/2002
CATAWBA	030501030410	FISHING CREEK AT S-12-77	CW-233	CHESTER	REC	FC	InTMDL	004-02	6/19/2002
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	InTMDL	005-02	7/19/2002
CATAWBA	030501011504	BEAVERDAM CK AT S-46-152 8 MI E OF CLOVER	CW-153	YORK	REC	FC	InTMDL	005-02	7/19/2002
CATAWBA	030501011504	BEAVERDAM CREEK AT BRIDGE ON S-46-64 3.2 MI ENE OF CLOVER	RS-06020	YORK	REC	FC	WnTMDL	005-02	7/19/2002
CATAWBA	030501040105	BIG WATeree CK AT US 21	CW-072	FAIRFIELD	REC	FC	InTMDL	007-04	4/27/2004
CATAWBA	030501040105	HOGFORK BRANCH AT S-20-20 CAMP WELFARE ROAD	CW-251	FAIRFIELD	REC	FC	WnTMDL	007-04	4/27/2004
CATAWBA	030501040105	BIG WATeree CREEK AT S-20-20 CAMP WELFARE ROAD	CW-252	FAIRFIELD	REC	FC	WnTMDL	007-04	4/27/2004
CATAWBA	030501040104	BIG WATeree CK 2ND BRIDGE ON DIRT RD N OF S-20-44 N OF WHITE OAK	RS-12060	FAIRFIELD	REC	FC	WnTMDL	007-04	4/27/2004
CATAWBA	030501011506	ALLISON CK AT S-46-114	CW-249	YORK	REC	FC	InTMDL	007-07	2/27/2007
CATAWBA	030501040105	BIG WATeree CK AT US 21	CW-072	FAIRFIELD	AL	TURBIDITY	InTMDL	008-04	4/27/2004
CATAWBA	030501040105	HOGFORK BRANCH AT S-20-20 CAMP WELFARE ROAD	CW-251	FAIRFIELD	AL	TURBIDITY	WnTMDL	008-04	4/27/2004
CATAWBA	030501040105	BIG WATeree CREEK AT S-20-20 CAMP WELFARE ROAD	CW-252	FAIRFIELD	AL	TURBIDITY	WnTMDL	008-04	4/27/2004
CATAWBA	030501030502	ROCKY CK AT S-12-335 3.5 MI E OF CHESTER	CW-002	CHESTER	REC	FC	InTMDL	010-01	8/16/2001
CATAWBA	030501030502	GRASSY RUN BR AT SC 72 1.6 MI NE CHESTER	CW-088	CHESTER	REC	FC	InTMDL	010-01	8/16/2001

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BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	TMDL*	DHEC_TECH REPORT	APPROVAL DATE
CATAWBA	030501030503	BEAVERDAM CREEK AT BRIDGE ON S-12-198 3.5 MI NW OF GREAT FALLS	RS-06171	CHESTER	REC	FC	WnTMDL	010-01	8/16/2001
CATAWBA	030501030505	CEDAR CK RESERVOIR/ROCKY CK AT S-12-141 SE OF GREAT FALLS	CW-175	CHESTER	REC	FC	InTMDL	010-01	8/16/2001
CATAWBA	030501030505	ROCKY CK AT S-12-138	CW-236	CHESTER	REC	FC	InTMDL	010-01	8/16/2001
CATAWBA	030501030505	HODGES BRANCH AT S-12-354	RS-10331	CHESTER	REC	FC	WnTMDL	010-01	8/16/2001
CATAWBA	030501030505	ROCKY CREEK AT SC 901; MOUNTAIN GAP RD	RS-14216	CHESTER	REC	FC	WnTMDL	010-01	8/16/2001
CATAWBA	030501030505	ROCKY CREEK AT S-12-52 OLD MILL ROAD	RS-15248	CHESTER	REC	FC	WnTMDL	010-01	8/16/2001
CATAWBA	030501030606	CEDAR CK RESERVOIR AT UNIMP RD AB JCT WITH ROCKY CK	CW-174	CHESTER	REC	FC	InTMDL	010-01	8/16/2001
CATAWBA	030501011506	CALABASH BR AT S-46-414 2.5 MI SE OF CLOVER	CW-134	YORK	REC	FC	InTMDL	010-03	12/10/2003
CATAWBA	030501030108	STEELE CK AT S-46-22 N OF FORT MILL	CW-009	YORK	REC	FC	InTMDL	010-07	8/31/2007
CATAWBA	030501030108	STEELE CK AT S-46-270	CW-011	YORK	REC	FC	InTMDL	010-07	8/31/2007
CATAWBA	030501030108	STEELE CK AT S-46-98	CW-203	YORK	REC	FC	InTMDL	010-07	8/31/2007
CATAWBA	030501011506	ALLISON CK AT US 321 3.1 MI S OF CLOVER	CW-171	YORK	REC	FC	InTMDL	011-03	12/19/2003
CATAWBA	030501040401	KELLY CK AT S-28-367 2.9 MI SE OF ELGIN	CW-154	KERSHAW	REC	FC	InTMDL	013-04	9/16/2004
CATAWBA	030501040402	SPEARS CK AT SC 12 3.6 MI SE OF ELGIN	CW-155	KERSHAW	REC	FC	WnTMDL	013-04	9/16/2004
CATAWBA	030501040402	SPEARS CK AT US 601	CW-166	KERSHAW	REC	FC	InTMDL	013-04	9/16/2004
CATAWBA	030501040205	TWENTYFIVE MILE CREEK AT S-40-60 -GROVER WILSON ROAD	RS-13160	RICHLAND	REC	FC	WnTMDL	014-04	9/16/2004
CATAWBA	030501040206	BEAR CK AT S-40-82	CW-229	RICHLAND	REC	FC	WnTMDL	014-04	9/16/2004
CATAWBA	030501040207	TWENTYFIVE MILE CK AT S-28-05 3.7 MI W OF CAMDEN	CW-080	KERSHAW	REC	FC	InTMDL	014-04	9/16/2004
CATAWBA	030501030605	CAMP CK AT SC 97	CW-235	LANCASTER	REC	FC	InTMDL	017-99	9/16/1999
CATAWBA	030501030602	UNNAMED TRIB TO CATAWBA RVR AT HWY 161 0.4 MI W OF I-77	CW-221	YORK	REC	FC	InTMDL	019-99	9/16/1999
CATAWBA	030501070505	TINKER CREEK AT S-44-36 TINKER CREEK ROAD	RS-16314	UNION	REC	FC	WnTMDL	021-04	9/30/2004
CATAWBA	030501051003	GILKEY CREEK AT S-11-92 -BRIDGE HOUSE RD	RS-13162	CHEROKEE	REC	FC	WnTMDL	022-04	9/30/2004
CATAWBA	030402020105	LYNCHE'S RIVER AT S-13-823 WINTERTIDE DRIVE/S-13-823	RS-15256	LANCASTER	REC	FC	WnTMDL	029-05	9/11/2005
CATAWBA	030501030203	SIXMILE CREEK AT S-29-54	CW-176	LANCASTER	REC	FC	InTMDL	031-05	9/11/2005
CATAWBA	030501030203	SIXMILE CREEK AT S-29-126 -COLLINS ROAD	RS-13168	LANCASTER	REC	FC	WnTMDL	031-05	9/11/2005
CATAWBA	030501030204	TWELVEMILE CK AT S-29-55 0.3 MI NW OF VAN WYCK	CW-083	LANCASTER	REC	FC	InTMDL	031-05	9/11/2005

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CATAWBA	030501030603	WAXHAW CK AT S-29-29	CW-145	LANCASTER	REC	FC	InTMDL	031-05	9/11/2005
CATAWBA	030501040203	SAWNEYS CK AT S-28-37	CW-079	KERSHAW	REC	FC	InTMDL	05-03	5/5/2003
CATAWBA	030501040203	SAWNEYS CK AT S-20-151	CW-228	FAIRFIELD	REC	FC	InTMDL	05-03	5/5/2003
CATAWBA	030501040203	UNNAMED TRIB TO SAWNEYS CREEK AT SC 34	RS-08073	FAIRFIELD	REC	FC	WnTMDL	05-03	5/5/2003
CATAWBA	030501030302	CANE CK AT SC 200 5 MI NNE OF LANCASTER	CW-185	LANCASTER	REC	FC	InTMDL	07-03	9/12/2003
CATAWBA	030501030303	BEAR CK AT S-29-362 3.5 MI SE OF LANCASTER	CW-151	LANCASTER	REC	FC	InTMDL	07-03	9/12/2003
CATAWBA	030501030304	GILLS CK AT US 521 NNW OF LANCASTER	CW-047	LANCASTER	REC	FC	InTMDL	07-03	9/12/2003
CATAWBA	030501030304	BEAR CK AT S-29-292 1.6 MI W OF LANCASTER	CW-131	LANCASTER	REC	FC	InTMDL	07-03	9/12/2003
CATAWBA	030501030304	HANNAHS CREEK AT S-29-376 3.4 MI E OF LANCASTER	RS-05403	LANCASTER	REC	FC	WnTMDL	07-03	9/12/2003
CATAWBA	030501030304	GILLS CK AT S-29-36 4.5 MI ENE OF LANCASTER	RS-07043	LANCASTER	REC	FC	WnTMDL	07-03	9/12/2003
CATAWBA	030501030304	GILLS CREEK AT S-29-51; CAMP CREEK RD	RS-14200	LANCASTER	REC	FC	WnTMDL	07-03	9/12/2003
CATAWBA	030501030305	CANE CK AT S-29-50	CW-017	LANCASTER	REC	FC	InTMDL	07-03	9/12/2003
CATAWBA	030501040108	DUTCHMANS CK AT S-20-106	RS-02321	FAIRFIELD	REC	FC	InTMDL	100J-12	2/1/2012
CATAWBA	030501040202	GRANNIES QUARTER CK AT SC 97	CW-237	KERSHAW	REC	FC	InTMDL	5A22-11	4/11/2011
CATAWBA	030501011505	CROWDERS CK AT S-46-564 NE CLOVER	CW-023	YORK	REC	FC	InTMDL	NC TMDL	7/1/2004
CATAWBA	030501011505	CROWDERS CREEK AT S-46-1104	CW-024	YORK	REC	FC	InTMDL	NC TMDL	7/1/2004
CATAWBA	030501011505	SOUTH FORK CROWDERS CK AT S-46-79 4.5 MI NW OF CLOVER	CW-192	YORK	REC	FC	WnTMDL	NC TMDL	7/1/2004
EDISTO	030502060202	GUM BRANCH AT S-18-167 4.9 MI SE OF ST GEORGE	RS-05572	DORCHESTER	REC	FC	WnTMDL	008-07	2/22/2007
EDISTO	030502060204	INDIAN FIELD SWAMP AT S-18-19	E-032	DORCHESTER	REC	FC	InTMDL	008-07	2/22/2007
EDISTO	030502060204	BIG BRANCH AT S-18-378	RS-10373	DORCHESTER	REC	FC	WnTMDL	008-07	2/22/2007
EDISTO	030502030101	CHINQUAPIN CREEK AT SC 391 5.5 MI S BATESBURG	E-091	AIKEN	REC	FC	InTMDL	012-07	11/30/2007
EDISTO	030502030101	BRIDGE OVER CHINQUAPIN CREEK ON S-02-210/S-32-442	E-606	AIKEN	REC	FC	WnTMDL	012-07	11/30/2007
EDISTO	030502030101	HORSE PEN CREEK AT UPSTREAM SIDE OF COUNTY RD 391, 1.5 M S OF BATESBURG	RS-01004	LEXINGTON	REC	FC	InTMDL	012-07	11/30/2007
EDISTO	030502030101	CULVERT ON S-02-134 AT UNNAMED TRIB TO CHINQUAPIN CREEK, 4.3 MI SE OF MONETTA	RS-11001	AIKEN	REC	FC	WnTMDL	012-07	11/30/2007
EDISTO	030502030102	LIGHTWOOD KNOT CK OFF S-32-77 AT BATESBURG WATER INTAKE	E-101	LEXINGTON	REC	FC	WnTMDL	012-07	11/30/2007
EDISTO	030502030103	N FORK EDISTO RVR AT S-02-74	E-084	AIKEN	REC	FC	InTMDL	012-07	11/30/2007
EDISTO	030502030106	N FORK EDISTO RVR AT S-02-110	E-102	AIKEN	REC	FC	InTMDL	012-07	11/30/2007
EDISTO	030502060401	TOOGOODOO CREEK SSG AT LAST CREEK BEFORE FORK	12B-34	CHARLESTON	SHELLFISH	FC	InTMDL	012D-21	11/22/2010

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EDISTO	030502060401	TOOGOODOO CREEK LOWER, AT PUBLIC BOAT RAMP	12B-35	CHARLESTON	SHELLFISH	FC	InTMDL	012D-21	11/22/2010
EDISTO	030502060401	TOOGOODOO CREEK AT THE SECOND BEND PAST THE CONFLUENCE WITH LOWER TOOGOODOO CREEK	12B-45	CHARLESTON	SHELLFISH	FC	InTMDL	012D-21	11/22/2010
EDISTO	030502060105	CATTLE CK AT S-18-19	E-108	DORCHESTER	REC	FC	InTMDL	015-04	9/30/2004
EDISTO	30502050105	GOODBYS SWAMP AT US 176 6 M SW OF ELLOREE	RS-01036	ORANGEBURG	REC	ECOLI	InTMDL	010-2020	3/13/2020
EDISTO	30502050108	FOUR HOLE SWAMP AT SC 210	E-111	ORANGEBURG	REC	ECOLI	InTMDL	010-2020	3/13/2020
EDISTO	30502050108	UNNAMED TRIBUTARY TO FOUR HOLE SWAMP AT CO RD S-38-92 5.5 MI NE OF BOWMAN	RS-04537	ORANGEBURG	REC	ECOLI	InTMDL	010-2020	3/13/2020
EDISTO	30502050108	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	ECOLI	InTMDL	010-2020	3/13/2020
EDISTO	030502050101	GRAMLING CK AT CLVT ON SC 33 2 MI E OF ORANGEBURG	E-022	ORANGEBURG	REC	FC	InTMDL	015-06	4/27/2006
EDISTO	030502050101	LITTLE BULL CK CK AT SC 33-BL UTICA TOOL CO	E-076	ORANGEBURG	REC	FC	InTMDL	015-06	4/27/2006
EDISTO	030502050102	FOUR HOLE SWAMP AT S-09-90	RS-10341	CALHOUN	REC	FC	WnTMDL	015-06	4/27/2006
EDISTO	030502050107	COW CASTLE CK AT S-38-170	E-050	ORANGEBURG	REC	FC	InTMDL	015-06	4/27/2006
EDISTO	030502050107	COW CASTLE CK AT BRIDGE ON S-38-198	RS-09277	ORANGEBURG	REC	FC	WnTMDL	015-06	4/27/2006
EDISTO	030502050108	FOUR HOLE SWP AT S-38-50 5.2 MI SE OF CAMERON	E-059	ORANGEBURG	REC	FC	InTMDL	015-06	4/27/2006
EDISTO	030502050301	HORSE RANGE SWAMP AT US 176	E-052	ORANGEBURG	REC	FC	InTMDL	015-06	4/27/2006
EDISTO	030502050301	HORSE RANGE SWAMP AT S-38-1264	RS-02303	ORANGEBURG	REC	FC	WnTMDL	015-06	4/27/2006
EDISTO	030502050302	PROVIDENCE SWP AT E FRONTAGE RD TO I-95 NW OF HOLLY HILL	E-051	ORANGEBURG	REC	FC	InTMDL	015-06	4/27/2006
EDISTO	030502050201	SANDY RUN AT CEMENT BRIDGE ROAD OFF GROOMS STREET	E-115	ORANGEBURG	REC	ECOLI	InTMDL	1101-19	10/3/2019
EDISTO	030502050202	DEAN SWAMP AT US 176	E-030	ORANGEBURG	REC	ECOLI	InTMDL	1101-19	10/3/2019
EDISTO	030502060203	POLK SWP AT UNIMP RD S-18-180 2 M S OF ST GEORGE	E-016	DORCHESTER	REC	FC	InTMDL	018-06	9/1/2006
EDISTO	030502060203	POLK SWAMP AT S-18-19	E-109	DORCHESTER	REC	FC	InTMDL	018-06	9/1/2006
EDISTO	030502040309	ROBERTS SWAMP AT SC 332	E-039	ORANGEBURG	REC	FC	InTMDL	021-05	5/27/2005
EDISTO	030502040101	S FORK EDISTO RVR AT S-19-57 BL JOHNSTON SWR OUTFALL	E-002	EDGEFIELD	REC	FC	InTMDL	030-05	9/11/2005
EDISTO	030502040104	ROCKY SPRING CREEK AT MOORE RD OFF COUNTY RD 264, 7 M NE OF AIKEN	RS-01034	AIKEN	REC	FC	InTMDL	030-05	9/11/2005
EDISTO	030502040303	GOODLAND CK AT SC 4 2.1 MI E OF SPRINGFIELD	E-036	ORANGEBURG	REC	FC	InTMDL	030-05	9/11/2005

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EDISTO	030502030305	MACK BRANCH AT SC 6; 5.5 M W OF ST MATHEWS	RS-01021	CALHOUN	REC	FC	WnTMDL	05B-10	5/14/2010
EDISTO	030502030306	CAW CAW SWAMP AT S-38-1032	E-105	ORANGEBURG	REC	FC	InTMDL	05B-10	5/14/2010
EDISTO	030502060308	SCOTT CREEK, HEADWATERS AT JEREMY INLET AT BOAT LANDING	13-22	COLLETON	SHELLFISH	FC	InTMDL	07J-15	7/16/2010
EDISTO	030502060308	JEREMY INLET AT ATLANTIC OCEAN	13-23	COLLETON	SHELLFISH	FC	InTMDL	07J-15	7/16/2010
EDISTO	030502030208	BULL SWP CK AT US 321 0.9 MI S OF SWANSEA	E-035	LEXINGTON	REC	FC	InTMDL	4A21-11	3/22/2011
EDISTO	030502030210	N FORK EDISTO RVR AT SC 3 5.5 MI NW NORTH	E-092	ORANGEBURG	REC	FC	InTMDL	4A21-11	3/22/2011
EDISTO	030502030304	N FORK EDISTO RVR AT S-38-74 NW ORANGEBURG	E-099	ORANGEBURG	REC	FC	InTMDL	4A21-11	3/22/2011
EDISTO	030502030308	N FORK EDISTO RVR AT US 601 AT ORANGEBURG	E-007	ORANGEBURG	REC	FC	WnTMDL	4A21-11	3/22/2011
EDISTO	030502030308	N FORK EDISTO RVR 4 MI BL E-007 AT A CABIN	E-007B	ORANGEBURG	REC	FC	InTMDL	4A21-11	3/22/2011
EDISTO	030502030308	NORTH EDISTO RIVER @ SEC RD 39	E-008	ORANGEBURG	REC	FC	InTMDL	4A21-11	3/22/2011
EDISTO	030502040103	S FORK EDISTO RVR AT US 1 12 MI NE AIKEN	E-090	AIKEN	REC	FC	WnTMDL	9D21-11	9/1/2011
EDISTO	030502040107	SHAW CREEK AT S-02-26 4.2 MI NE AIKEN	E-094	AIKEN	REC	FC	WnTMDL	9D21-11	9/1/2011
EDISTO	030502040108	CLEARWATER BRANCH AT S-02-206 -NEW BRIDGE ROAD- JUST DOWN THE HILL FROM MAILBOX 949	RS-13145	AIKEN	REC	FC	WnTMDL	9D21-11	9/1/2011
EDISTO	030502040109	S FORK EDISTO RVR AT S-02-152	E-113	AIKEN	REC	FC	InTMDL	9D21-11	9/1/2011
EDISTO	030502040207	S FORK EDISTO RVR AT S-02-53	E-114	AIKEN	REC	FC	WnTMDL	9D21-11	9/1/2011
EDISTO	030502040207	SOUTH FORK EDISTO RIVER AT S-02-212 WINDSOR ROAD	RS-14209	AIKEN	REC	FC	WnTMDL	9D21-11	9/1/2011
EDISTO	030502040307	S FORK EDISTO RVR AT SC 39	E-011	ORANGEBURG	REC	FC	WnTMDL	9D21-11	9/1/2011
EDISTO	030502040308	HAYS MILL CREEK AT SC 70	RS-08270	BAMBERG	REC	FC	WnTMDL	9D21-11	9/1/2011
EDISTO	030502040311	SOUTH FORK EDISTO RIVER AT THE RIVER AT HOLMANS BRIDGE PRIVATE COMMUNITY DOCK AT END OF S-05-34; HOLMAN BRIDGE ROAD; BEHIND PICNIC SHELTER	RS-14218	BAMBERG	REC	FC	WnTMDL	9D21-11	9/1/2011
EDISTO	030502040312	S FORK EDISTO RVR AT S-38-39 BRIDGE	E-012	BAMBERG	REC	FC	WnTMDL	9D21-11	9/1/2011
EDISTO	030502060101	STANLEY BRANCH AT S-38-117 1 MI SSW OF ROWESVILLE	RS-07206	ORANGEBURG	REC	FC	WnTMDL	9D21-11	9/1/2011
EDISTO	030502060103	EDISTO RIVER @ ZIG ZAG LANDING	E-013	BAMBERG	REC	FC	InTMDL	9D21-11	9/1/2011
PEEDEE	030402050102	BLACK CREEK AT S-28-195/S-31-195	RS-12092	KERSHAW	REC	FC	WnTMDL	008-06	3/29/2006
PEEDEE	030402050105	SCAPE ORE SWAMP AT S-31-108	PD-355	LEE	REC	FC	InTMDL	008-06	3/29/2006
PEEDEE	030402040305	SHOE HEEL CK AT S-17-70	PD-371	DILLON	REC	FC	WnTMDL	009-06	3/29/2006
PEEDEE	030402040504	LITTLE PEE DEE RVR AT S-17-23	PD-029E	DILLON	REC	FC	InTMDL	009-06	3/29/2006
PEEDEE	030402020201	HORTON CREEK AT S-29-95	PD-335	LANCASTER	REC	FC	InTMDL	0109A-13	12/13/2012
PEEDEE	030402020203	LITTLE LYNCHES RVR AT US 601 2 MI NE KERSHAW	PD-006	LANCASTER	REC	FC	InTMDL	0109A-13	12/13/2012
PEEDEE	030402060905	WACCAMAW RVR AT US 501 BY PASS AROUND CONWAY	MD-110	HORRY	AL	DO	InTMDL	013-99	7/27/1999

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PEEDEE	030402060905	WACCAMAW RVR AT COX'S FERRY ON CO RD 110	MD-111	HORRY	AL	DO	InTMDL	013-99	7/27/1999
PEEDEE	030402060906	INTRACOASTAL WTRWAY AT SC 544 7.5 MI SW OF MYRTLE BEACH	MD-127	HORRY	AL	DO	InTMDL	013-99	7/27/1999
PEEDEE	030402060906	WACCAMAW RIVER AT TODDVILLE LANDING ON WACCAMAW BEND ROAD OFF US 701.	RS-15231	HORRY	AL	DO	WnTMDL	013-99	7/27/1999
PEEDEE	030402060906	INTRACOASTAL WATERWAY APPROXIMATELY 300 YARDS WSW OF US 501 AT DOCK BEHIND MYRTLE BEACH CLARION HOTEL/MYRTLE BEACH WATERSPORTS; INC	RS-16307	HORRY	AL	DO	WnTMDL	013-99	7/27/1999
PEEDEE	030402060907	WACCAMAW RIVER @ PEACH TREE	MD-136	HORRY	AL	DO	InTMDL	013-99	7/27/1999
PEEDEE	030402060907	WACCAMAW RIVER @ BUCKSVILLE	MD-145	HORRY	AL	DO	WnTMDL	013-99	7/27/1999
PEEDEE	030402061002	WACCAMAW RVR NR MOUTH OF BULL CK AT CHANNEL MARKER 50	MD-137	HORRY	AL	DO	InTMDL	013-99	7/27/1999
PEEDEE	030402061002	WACCAMAW RVR & ICWW 1 MI BL JCT-AT BUCKSPORT LANDING	MD-146	HORRY	AL	DO	InTMDL	013-99	7/27/1999
PEEDEE	030402080301	INTRACOASTAL WTRWAY AT PT 3 MI N OF BRDG ON US 501	MD-085	HORRY	AL	DO	InTMDL	013-99	7/27/1999
PEEDEE	030402080301	INTRACOASTAL WTRWAY JUST N OF BRDG ON US 501	MD-087	HORRY	AL	DO	InTMDL	013-99	7/27/1999
PEEDEE	030402080301	INTRACOASTAL WTRWAY 1 MI S OF BRDG ON US 501	MD-088	HORRY	AL	DO	InTMDL	013-99	7/27/1999
PEEDEE	030402080301	INTRACOASTAL WTRWY 2 MI S OF BRDG ON US 501	MD-089	HORRY	AL	DO	InTMDL	013-99	7/27/1999
PEEDEE	030402080301	INTRACOASTAL WTRWY 4 MI N OF BRDG ON US 501	MD-091	HORRY	AL	DO	InTMDL	013-99	7/27/1999
PEEDEE	030402080301	INTRACOASTAL WTRWY (LITTLE RVR) ON SC 9 (US 17)	MD-125	HORRY	AL	DO	InTMDL	013-99	7/27/1999
PEEDEE	030402010702	BOGGY SWAMP AT S-16-50 4.9 MI NE OF HARTSVILLE	RS-03507	DARLINGTON	REC	FC	InTMDL	013M-21	3/23/2012
PEEDEE	030402010704	SNAKE BR AT WOODMILL ST-HARTSVILLE	PD-137	DARLINGTON	REC	FC	InTMDL	013M-21	3/23/2012
PEEDEE	030402010704	SNAKE BR AT RR AVE IN HARTSVILLE	PD-258	DARLINGTON	REC	FC	InTMDL	013M-21	3/23/2012
PEEDEE	030402010707	60" TILE DISCHARGING TO DITCH ACROSS RD AT DARLINGTON STP	PD-141	DARLINGTON	REC	FC	InTMDL	013M-21	3/23/2012
PEEDEE	030402010707	TRIBUTARY TO SWIFT CREEK AT COUNTY RD 213 JUST NORTH OF DARLINGTON	RS-01023	DARLINGTON	REC	FC	InTMDL	013M-21	3/23/2012
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	InTMDL	013M-21	3/23/2012
PEEDEE	030402020703	BIG SWP AT US 378 & SC 51 0.9 MI W OF SALEM	PD-169	FLORENCE	REC	FC	InTMDL	016-06	9/1/2006
PEEDEE	030402010403	DEEP CREEK 75 FT UPSTREAM OF SC 9, 5.5 M W OF CHESTERFIELD	RS-01013	CHESTERFIELD	REC	FC	WnTMDL	02-04	1/13/2004

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PEEDEE	030402010408	THOMPSON CK AT S-13-243 0.8 MI NE OF CHESTERFIELD	PD-246	CHESTERFIELD	REC	FC	InTMDL	02-04	1/13/2004
PEEDEE	030402010408	THOMPSON CK AT SC 9 1.5 MI ESE OF CHESTERFIELD	PD-247	CHESTERFIELD	REC	FC	InTMDL	02-04	1/13/2004
PEEDEE	030402020301	FORK CK AT SC 151	PD-067	CHESTERFIELD	REC	FC	InTMDL	022-05	7/15/2005
PEEDEE	030402020301	FORK CK AT UN# RD 1.5 MI SW JEFFERSON	PD-068	CHESTERFIELD	REC	FC	InTMDL	022-05	9/11/2005
PEEDEE	030402050205	BLACK RIVER AT S-43-57	PD-353	SUMTER	REC	FC	InTMDL	022J-12	6/14/2012
PEEDEE	030402080401	CLUBHOUSE CREEK AT LITCHFIELD BOULEVARD BRIDGE	04-09	GEORGETOWN	SHELLFISH	FC	InTMDL	024-05	7/19/2005
PEEDEE	030402080401	SHELL AVENUE AND PAWLEY'S ISLAND CREEK	04-10	GEORGETOWN	SHELLFISH	FC	InTMDL	024-05	7/19/2005
PEEDEE	030402080401	NORTH CAUSEWAY BRIDGE AT PAWLEY'S ISLAND CREEK	04-11	GEORGETOWN	SHELLFISH	FC	InTMDL	024-05	7/19/2005
PEEDEE	030402080401	SOUTH CAUSEWAY BRIDGE AT PAWLEY'S ISLAND CREEK	04-12	GEORGETOWN	SHELLFISH	FC	InTMDL	024-05	7/19/2005
PEEDEE	030402080401	PAWLEY'S INLET	04-13	GEORGETOWN	SHELLFISH	FC	InTMDL	024-05	7/19/2005
PEEDEE	030402080401	CLUBHOUSE CREEK AT DOCK END OF SPORTSMAN BOULEVARD	04-14	GEORGETOWN	SHELLFISH	FC	InTMDL	024-05	7/19/2005
PEEDEE	030402080401	CLUBHOUSE CREEK - FIRST BEND SOUTH OF SALT MARSH COVE	04-19	GEORGETOWN	SHELLFISH	FC	InTMDL	024-05	7/19/2005
PEEDEE	030402080401	PAWLEY'S ISLAND SOUND, INLET SOUTH BOAT LANDING	04-21	GEORGETOWN	SHELLFISH	FC	InTMDL	024-05	7/19/2005
PEEDEE	030402080403	MIDWAY INLET	04-15	GEORGETOWN	SHELLFISH	FC	WnTMDL	024-05	7/19/2005
PEEDEE	030402080310	MAIN CREEK AT ATLANTIC AVENUE BRIDGE	04-01	HORRY	SHELLFISH	FC	InTMDL	025-05	7/19/2005
PEEDEE	030402080310	MAIN CREEK AT STANLEY DRIVE (D9-02)	04-01A	HORRY	SHELLFISH	FC	InTMDL	025-05	7/19/2005
PEEDEE	030402080310	MAIN CREEK AT MICKEY SPILLANE'S HOME	04-02	GEORGETOWN	SHELLFISH	FC	InTMDL	025-05	7/19/2005
PEEDEE	030402080310	MAIN CREEK SE SIDE OF THE PROHIBITED AREA NEAR CAPTAIN DICK'S MARINA	04-03A	GEORGETOWN	SHELLFISH	FC	WnTMDL	025-05	7/19/2005
PEEDEE	030402080310	MAIN CREEK ON THE NW SIDE OF THE PROHIBITED AREA NEAR CAPTAIN DICK'S MARINA	04-03B	GEORGETOWN	SHELLFISH	FC	WnTMDL	025-05	7/19/2005
PEEDEE	030402080310	GARDEN CITY CANAL E OF FLAGG CREEK (NEW 01-01-2004)	04-04A	GEORGETOWN	SHELLFISH	FC	WnTMDL	025-05	7/19/2005
PEEDEE	030402080310	ALLSTON CREEK AT WESTON FLAT	04-06	GEORGETOWN	SHELLFISH	FC	InTMDL	025-05	7/19/2005
PEEDEE	030402080310	ALLSTON CREEK POG - HUGHES LANDING	04-07	GEORGETOWN	SHELLFISH	FC	WnTMDL	025-05	7/19/2005
PEEDEE	030402080310	PARSONAGE CREEK AT NANCE'S DOCK	04-08	GEORGETOWN	SHELLFISH	FC	InTMDL	025-05	7/19/2005
PEEDEE	030402080310	PARSONAGE CREEK AT CHICKEN FARM DITCH	04-16	GEORGETOWN	SHELLFISH	FC	InTMDL	025-05	7/19/2005
PEEDEE	030402080310	PARSONAGE CREEK SW CORNER OF THE VOYAGER VIEW MARINA PROHIBITED ZONE	04-17A	GEORGETOWN	SHELLFISH	FC	WnTMDL	025-05	7/19/2005
PEEDEE	030402080310	NORTH BOUNDARY OF CLAMBANK FLATS POG	04-18	GEORGETOWN	SHELLFISH	FC	WnTMDL	025-05	7/19/2005
PEEDEE	030402080310	MAIN CREEK AT OYSTER COVER	04-23	GEORGETOWN	SHELLFISH	FC	WnTMDL	025-05	7/19/2005
PEEDEE	030402080310	MAIN CREEK AT FLAGG CREEK	04-25	GEORGETOWN	SHELLFISH	FC	WnTMDL	025-05	7/19/2005
PEEDEE	030402080310	GARDEN CITY CANAL AT THE "OLD BOAT WRECK"	04-26	HORRY	SHELLFISH	FC	InTMDL	025-05	7/19/2005

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PEEDEE	030402080310	MAIN CREEK, OPPOSITE ENTRANCE TO MT. GILEAD CANAL	04-27	GEORGETOWN	SHELLFISH	FC	InTMDL	025-05	7/19/2005
PEEDEE	030402080310	OAK'S CREEK, APPROX. 150 METERS FROM THE HUNTINGTON BEACH STATE PARK CAUSEWAY	04-28	GEORGETOWN	SHELLFISH	FC	WnTMDL	025-05	7/19/2005
PEEDEE	030402080310	OYSTER COVE, SOUTH BRANCH	04-29	GEORGETOWN	SHELLFISH	FC	WnTMDL	025-05	7/19/2005
PEEDEE	030402080310	OYSTER COVE, NORTH BRANCH	04-30	GEORGETOWN	SHELLFISH	FC	WnTMDL	025-05	7/19/2005
PEEDEE	030402080310	WOODLAND CREEK, 100 METERS EAST OF MAINLAND	04-31	GEORGETOWN	SHELLFISH	FC	WnTMDL	025-05	7/19/2005
PEEDEE	030402011102	SMITH SWP AT US 501 1.9 MI SSE OF MARION	PD-187	MARION	REC	FC	InTMDL	029-05	9/11/2005
PEEDEE	030402011102	SMITH SWP AT S-34-19 1 MI E OF MARION	PD-320	MARION	REC	FC	InTMDL	029-05	9/11/2005
PEEDEE	030402020101	HILLS CREEK AT S-13-105	PD-333	CHESTERFIELD	REC	FC	InTMDL	029-05	9/11/2005
PEEDEE	030402020103	N BR WILDCAT CK AT S-29-39 1 MI S OF TRADESVILLE	PD-179	LANCASTER	REC	FC	InTMDL	029-05	9/11/2005
PEEDEE	030402020103	S BR WILDCAT CK AT S-29-39 2 MI S OF TRADESVILLE	PD-180	LANCASTER	REC	FC	InTMDL	029-05	9/11/2005
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	WnTMDL	029-05	9/11/2005
PEEDEE	030402020104	FLAT CREEK AT S-29-123	PD-342	LANCASTER	REC	FC	InTMDL	029-05	9/11/2005
PEEDEE	030402020104	FLAT CREEK AT S-29-99	RS-08233	LANCASTER	REC	FC	WnTMDL	029-05	9/11/2005
PEEDEE	030402020105	LYNCHE'S RVR AT SC 9 W OF PAGELAND	PD-113	CHESTERFIELD	REC	FC	InTMDL	029-05	9/11/2005
PEEDEE	030402020105	HILLS CREEK AT S-13-545	PD-366	CHESTERFIELD	REC	FC	WnTMDL	029-05	9/11/2005
PEEDEE	030402020301	LITTLE FORK CK AT S-13-265 1.5 MI SW JEFFERSON	PD-215	CHESTERFIELD	REC	FC	WnTMDL	029-05	9/11/2005
PEEDEE	030402020301	LITTLE FORK CK AT DIRT RD (S-13-151) OFF OF S-13-39. (DREW BAKER RD ACCORDING TO MAP NOT AT STOP SIGN)	RS-10361	CHESTERFIELD	REC	FC	WnTMDL	029-05	9/11/2005
PEEDEE	030402020305	LYNCHE'S RIVER AT SC 265	PD-001	CHESTERFIELD	REC	FC	WnTMDL	029-05	9/11/2005
PEEDEE	030402020305	LYNCHE'S RVR AT S-13-42	PD-066	CHESTERFIELD	REC	FC	InTMDL	029-05	9/11/2005
PEEDEE	030402040505	MAPLE SWP AT SC 57	PD-030	DILLON	REC	FC	InTMDL	029-05	9/11/2005
PEEDEE	030402040506	LITTLE PEE DEE RVR BELOW JCT WITH MAPLE SWP	PD-030A	DILLON	REC	FC	InTMDL	029-05	9/11/2005
PEEDEE	030402040701	CHINNERS SWAMP AT GUNTERS ISLAND RD OFF S-26-99	PD-352	HORRY	REC	FC	InTMDL	029-05	9/11/2005
PEEDEE	030402040803	WHITE OAK CK AT S-34-31	PD-037	MARION	REC	FC	InTMDL	029-05	9/11/2005
PEEDEE	030402020202	HANGING ROCK CK AT S-29-764 1.6 MI S OF KERSHAW	PD-328	LANCASTER	REC	FC	InTMDL	06-03	8/6/2003
PEEDEE	030402020202	LICK CK AT S-29-13 ABOVE KERSHAW PT	PD-329	LANCASTER	REC	FC	InTMDL	06-03	8/6/2003
PEEDEE	030402020406	LAKE SWAMP AT S-21-38	PD-345	FLORENCE	REC	ECOLI	InTMDL	0712-17	7/6/2017
PEEDEE	030402020406	LAKE SWAMP AT S-21-106; SECOND BRIDGE W OF INTERSECTION WITH S-21-45; FIRST BRIDGE COMING E FROM S-21-83	RS-12084	FLORENCE	REC	ECOLI	InTMDL	0712-17	7/6/2017
PEEDEE	030402020408	SPARROW SWAMP AT S-21-55 -MEADOW PRONG RD-NR JOHNSONS CROSSROADS	PD-332	FLORENCE	REC	ECOLI	InTMDL	0712-17	7/6/2017

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PEEDEE	030402050302	NASTY BR AT S-43-251 7.5 MI SW OF SUMTER	PD-239	SUMTER	REC	ECOLI	InTMDL	0924-13	9/19/2013
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	ECOLI	InTMDL	0924-13	9/19/2013
PEEDEE	030402050401	TURKEY CREEK AT US 521	PD-040	SUMTER	REC	ECOLI	InTMDL	0924-13	9/19/2013
PEEDEE	030402050401	TURKEY CK AT LIBERTY ST IN SUMTER ABOVE SANTEE PRINT WORKS	PD-098	SUMTER	REC	ECOLI	InTMDL	0924-13	9/19/2013
PEEDEE	030402050401	POCOTALIGO RVR AT S-43-32 9 MI SSE OF SUMTER	PD-202	SUMTER	REC	ECOLI	InTMDL	0924-13	9/19/2013
PEEDEE	030402050403	GUCKOLDS BRANCH AT S-14-61 -STONE ROAD	RS-14195	CLARENDON	REC	ECOLI	WnTMDL	0924-13	9/19/2013
PEEDEE	030402050404	BIG BRANCH AT INTERSECTION OF US 521 AND MAIN STREET IN ALCOLU	RS-07192	CLARENDON	REC	ECOLI	InTMDL	0924-13	9/19/2013
PEEDEE	030402050406	DEEP CREEK AT S-14-25 AND 1.2 MI NE OF BLOOMVILLE	RS-03347	CLARENDON	REC	ECOLI	InTMDL	0924-13	9/19/2013
PEEDEE	030402050407	POCOTALIGO RVR AT 3RD BRDG N OF MANNING ON US 301	PD-115	CLARENDON	REC	ECOLI	InTMDL	0924-13	9/19/2013
PEEDEE	030402050407	UNNAMED TRIB TO JUNEBOURN BRANCH AT CULVERT ON S-14-123 (ALDERMAN CAMP RD) JUST WEST OF HOUSE #1819	RS-08232	CLARENDON	REC	ECOLI	InTMDL	0924-13	9/19/2013
PEEDEE	030402050502	DOUGLAS SWAMP AT S-43-150; 5 MI NE OF TURBEVILLE	RS-11027	SUMTER	REC	ECOLI	InTMDL	1002-18	9/26/2018
PEEDEE	030402050503	HORSE BRANCH AT S-14-106 1.2 MI SE OF TURBEVILLE	RS-05557	CLARENDON	REC	ECOLI	InTMDL	1002-18	9/26/2018
PEEDEE	030402050505	PUDDING SWP AT SC 527 8.1 MI NW OF KINGSTREE	PD-203	WILLIAMSBURG	REC	ECOLI	InTMDL	1002-18	9/26/2018
PEEDEE	030402050505	BRIDGE OVER PUDDING SWAMP AT S-45-287	RS-12091	WILLIAMSBURG	REC	ECOLI	InTMDL	1002-18	9/26/2018
PEEDEE	030402010901	MIDDLE SWP AT SC 51 3.5 MI SSE OF FLORENCE	PD-230	FLORENCE	REC	ECOLI	InTMDL	1004-16	9/27/2016
PEEDEE	030402010902	GULLEY BR AT S-21-13, TIMROD PARK	PD-065	FLORENCE	REC	ECOLI	InTMDL	1004-16	9/27/2016
PEEDEE	030402010902	JEFFRIES CK AT S-21-112 4.8 MI W OF FLORENCE	PD-256	FLORENCE	REC	ECOLI	InTMDL	1004-16	9/27/2016
PEEDEE	030402010903	POLK SWAMP AT S-21-918 (OLD WALLACE RD) 5.75 MI ESE OF FLORENCE	RS-07205	FLORENCE	REC	ECOLI	InTMDL	1004-16	9/27/2016
PEEDEE	030402010904	WILLOW CREEK AT S-21-57	PD-167	FLORENCE	REC	ECOLI	InTMDL	1004-16	9/27/2016
PEEDEE	030402010905	JEFFERIES CK AT SC 327 AT CLAUSSEN	PD-035	FLORENCE	REC	ECOLI	InTMDL	1004-16	9/27/2016
PEEDEE	030402010905	JEFFRIES CK AT UN# RD 3.3 MI ESE OF CLAUSSEN	PD-231	FLORENCE	REC	ECOLI	InTMDL	1004-16	9/27/2016
PEEDEE	030402020405	SPARROW SWAMP AT S-16-697 2.5 E OF LAMAR	PD-072	DARLINGTON	REC	FC	InTMDL	9S20-11	9/6/2011
SALKEHATCHIE	030502080401	SANDERS BR AT S-25-50	CSTL-011	HAMPTON	AL	DO	InTMDL	007-98	8/19/1998
SALKEHATCHIE	030502080404	COOSAWHATCHIE RVR AT S-25-27 2.5 MI SW CUMMINGS	CSTL-109	HAMPTON	AL	DO	InTMDL	007-98	8/19/1998
SALKEHATCHIE	030502070103	LAKE EDGAR BROWN IN FOREBAY NEAR DAM	CL-064	BARNWELL	AL	PH	InTMDL	011-01	9/21/2001
SALKEHATCHIE	030502070103	LAKE EDGAR BROWN IN FOREBAY NEAR DAM	CL-064	BARNWELL	AL	TP	InTMDL	011-01	9/21/2001

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SALKEHATCHIE	030502070103	LAKE EDGAR BROWN 0.12 MI NE OF S-06-488 - WELLINGTON DR- 30 YARDS FROM EASTERN SHORE	RL-11120	BARNWELL	AL	PH	WnTMDL	011-01	9/21/2001
SALKEHATCHIE	030502080202	COOSAWHATCHIE RVR AT S-03-47	CSTL-110	ALLENDALE	REC	ECOLI	InTMDL	0925-18	9/17/2018
SALKEHATCHIE	030502080204	COOSAWHATCHIE RIVER AT SC 363	CSTL-121	HAMPTON	REC	ECOLI	InTMDL	0925-18	9/17/2018
SALKEHATCHIE	030502080204	BLOOD HILL CREEK AT S-25-69 2.4 MI NE OF GIFFORD	RS-03360	HAMPTON	REC	ECOLI	InTMDL	0925-18	9/17/2018
SALKEHATCHIE	030502080606	OKATIE RIVER AT INDIGO PLANTATION	18-07	BEAUFORT	SHELLFISH	FC	InTMDL	012D-19	12/9/2010
SALKEHATCHIE	030502080606	OKATIE RIVER AT DOCK WITHOUT HOUSE	18-08	BEAUFORT	SHELLFISH	FC	InTMDL	012D-19	12/9/2010
SALKEHATCHIE	030502080606	OKATIE RV AT CONFLUENCE OF PINKNEY COLONY TRIBU. (C10-97)	18-16	BEAUFORT	SHELLFISH	FC	InTMDL	012D-19	12/9/2010
SALKEHATCHIE	030502080606	OKATIE RV AT CONFLUENCE OF CHERRY POINT TRIBU. (C6-97)	18-17	BEAUFORT	SHELLFISH	FC	InTMDL	012D-19	12/9/2010
SALKEHATCHIE	030502080502	BEAUFORT RVR AB BEAUFORT AT CHANNEL MARKER 231	MD-001	BEAUFORT	AL	DO	InTMDL	014-06	4/14/2006
SALKEHATCHIE	030502080502	BEAUFORT RVR AT DRAWBRDG ON US 21	MD-002	BEAUFORT	AL	DO	InTMDL	014-06	4/14/2006
SALKEHATCHIE	030502080502	BEAUFORT RVR BL BEAUFORT AT CHANNEL MARKER 244	MD-003	BEAUFORT	AL	DO	InTMDL	014-06	4/14/2006
SALKEHATCHIE	030502080502	BEAUFORT RVR NEAR SPANISH POINT	RO-02003	BEAUFORT	AL	DO	InTMDL	014-06	4/14/2006
SALKEHATCHIE	030502080502	BEAUFORT RVR AB BEAUFORT AT CHANNEL MARKER 231	RO-07338	BEAUFORT	AL	DO	InTMDL	014-06	4/14/2006
SALKEHATCHIE	030502080502	FACTORY CK 0.7 MI E WHITE HALL LANDING	RT-032039	BEAUFORT	AL	DO	WnTMDL	014-06	4/14/2006
SALKEHATCHIE	030502080503	BEAUFORT RVR AT JCT WITH BATTERY CK NR MARKER 42	MD-004	BEAUFORT	AL	DO	InTMDL	014-06	4/14/2006
SALKEHATCHIE	030502070101	UNNAMED TRIB TO ROSEMARY CREEK AT S-06-21, 8 MI NW OF BARNWELL	RS-11021	BARNWELL	REC	FC	WnTMDL	023J-12	6/14/2012
SALKEHATCHIE	030502070103	TURKEY CK 1 MI BL MILLIKEN BARNWELL OUTFALL AT CLINTON ST.	CSTL-001B	BARNWELL	REC	FC	InTMDL	023J-12	6/14/2012
SALKEHATCHIE	030502070104	SALKEHATCHIE RVR AT SC 64 2 MI W OF BARNWELL	CSTL-028	BARNWELL	REC	FC	InTMDL	023J-12	6/14/2012
SALKEHATCHIE	030502070110	WELLS BRCH AT SC 300	RS-02472	ALLENDALE	REC	FC	InTMDL	023J-12	6/14/2012
SALKEHATCHIE	030502070111	SALKEHATCHIE RVR AT SC 278 2.5 MI S BARNWELL	CSTL-003	BARNWELL	REC	FC	InTMDL	023J-12	6/14/2012
SALKEHATCHIE	030502070601	CHURCH BRANCH AT SC 64; SAMPLE DOWNSTREAM SIDE	RS-14202	BAMBERG	REC	FC	WnTMDL	023J-12	6/14/2012
SALKEHATCHIE	030502070603	SALKEHATCHIE RIVER AT U.S. 301 and 321	CSTL-048	ALLENDALE	REC	FC	WnTMDL	023J-12	6/14/2012
SALKEHATCHIE	030502070606	SALKEHATCHIE RVR AT 601 9 MI NE HAMPTON	CSTL-006	COLLETION	REC	FC	InTMDL	023J-12	6/14/2012
SALKEHATCHIE	030502080606	CHECHESSEE CREEK FIRST UNNAMED TRIBUTARY FROM COLLETION RIVER	18-09	BEAUFORT	SHELLFISH	FC	InTMDL	0306-13	3/1/2013
SALKEHATCHIE	030502080607	CHECHESSEE CREEK SECOND BRIDGE TO CALLAWASSIE ISLAND	18-10	BEAUFORT	SHELLFISH	FC	InTMDL	0306-13	3/1/2013

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SALKEHATCHIE	030502080607	CHECHESSEE CREEK FIRST BRIDGE TO CALLAWASSIE ISLAND	18-11	BEAUFORT	SHELLFISH	FC	InTMDL	0306-13	3/1/2013
SALKEHATCHIE	030502070302	LEMON CREEK AT S-05-541	CSTL-116	BAMBERG	REC	ECOLI	WnTMDL	0624-14	7/31/2014
SALKEHATCHIE	030502070403	LITTLE SALKEHATCHIE RIVER AT U.S. 601	CSTL-115	BAMBERG	REC	ECOLI	InTMDL	0624-14	7/31/2014
SALKEHATCHIE	030502070504	BUCKHEAD CREEK AT SC 212	CSTL-119	COLLETION	REC	ECOLI	InTMDL	0624-14	7/31/2014
SALKEHATCHIE	030502070504	BUCKHEAD CREEK AT US 21	RS-08076	COLLETION	REC	ECOLI	InTMDL	0624-14	7/31/2014
SALKEHATCHIE	030502070506	LITTLE SALKEHATCHIE RIVER AT SC 64	CSTL-117	COLLETION	REC	ECOLI	InTMDL	0624-14	7/31/2014
SALKEHATCHIE	030502070506	UNNAMED TRIB TO LITTLE SALKEHATCHIE RIVER AT CULVERT ON SC 362 JUST NORTH OF S-15-465	RS-08260	COLLETION	REC	ECOLI	WnTMDL	0624-14	7/31/2014
SALUDA	030501091403	RAWLS CREEK AT S-32-107	S-287	LEXINGTON	REC	FC	InTMDL	005-01	1/17/2001
SALUDA	030501091206	BIG BEAVERDAM CREEK AT S-36-342; BEAVER DAM CREEK ROAD	RS-16293	NEWBERRY	REC	FC	WnTMDL	009-01	8/14/2001
SALUDA	030501091206	BUSH RIVER AT S.C. ROUTE 34	S-046	NEWBERRY	REC	FC	InTMDL	009-01	8/14/2001
SALUDA	030501091206	BUSH RVR AT S-36-41 8.5 MI S OF NEWBERRY	S-102	NEWBERRY	REC	FC	InTMDL	009-01	8/14/2001
SALUDA	030501100101	RED BANK CK AT SANDY SPRINGS RD BTWN S-32-104 & SC 602	C-067	LEXINGTON	REC	FC	InTMDL	010-04	9/16/2004
SALUDA	030501100104	SIXMILE CK ON US 21 S OF CAYCE	C-005	LEXINGTON	REC	FC	InTMDL	010-04	9/16/2004
SALUDA	030501100104	CONGAREE CK AT US 21 AT CAYCE WATER INTAKE	C-008	LEXINGTON	REC	FC	InTMDL	010-04	9/16/2004
SALUDA	030501100104	LK CAROLINE SPILLWAY AT PLATT SPRINGS RD	C-025	LEXINGTON	REC	FC	InTMDL	010-04	9/16/2004
SALUDA	030501100104	CONGAREE CK AT S-32-168 OFF SC 302 IN S CONGAREE	RS-07216	LEXINGTON	REC	FC	WnTMDL	010-04	9/16/2004
SALUDA	030501091401	TWELVEMILE CREEK AT BARR RD	EQ-3457	LEXINGTON	REC	FC	WnTMDL	011-04	9/16/2004
SALUDA	030501091402	TWELVEMILE CK AT S-32-106	RS-02457	LEXINGTON	REC	FC	WnTMDL	011-04	9/16/2004
SALUDA	030501091402	TWELVEMILE CREEK AT U.S. ROUTE 378	S-294	LEXINGTON	REC	FC	InTMDL	011-04	9/16/2004
SALUDA	030501091403	SALUDA RVR AT MEPCO ELECT. PLANT WATER INTAKE SSE IRMO	S-149	LEXINGTON	REC	FC	InTMDL	011-04	9/16/2004
SALUDA	030501091403	KINLEY CK AT S-32-36 (ST. ANDREWS RD) IN IRMO	S-260	LEXINGTON	REC	FC	InTMDL	011-04	9/16/2004
SALUDA	030501100201	LIGHTWOOD KNOT BRANCH AT TRENHOLM RD EXTENSION	RS-09323	RICHLAND	REC	FC	WnTMDL	011N-17	11/5/2010
SALUDA	030501100203	GILLS CK AT BRDG ON US 76 (GARNERS FERRY ROAD)	C-001	RICHLAND	REC	FC	InTMDL	011N-17	11/5/2010
SALUDA	030501100203	GILLS CK AT SC 48 (BLUFF ROAD)	C-017	RICHLAND	REC	FC	InTMDL	011N-17	11/5/2010
SALUDA	030501100201	WINDSOR LK SPILLWAY ON WINSDOR LK BLVD	C-048	RICHLAND	AL	DO	InTMDL	011N-18	11/5/2010
SALUDA	030501100201	LIGHTWOOD KNOT BRANCH AT TRENHOLM RD EXTENSION	RS-09323	RICHLAND	REC	DO	WnTMDL	011N-18	11/5/2010
SALUDA	030501100203	GILLS CK AT SC 48 (BLUFF ROAD)	C-017	RICHLAND	AL	DO	InTMDL	011N-18	11/5/2010

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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	WnTMDL	016-05	5/27/2005
SALUDA	030501090802	BROAD MOUTH CK AT US 76	S-010	ANDERSON	REC	FC	InTMDL	016-05	5/27/2005
SALUDA	030501090802	BROAD MOUTH CK AT S-04-267	S-289	ANDERSON	REC	FC	InTMDL	016-05	5/27/2005
SALUDA	030501090802	BROAD MOUTH CK AT S-01-111	S-304	ABBEVILLE	REC	FC	InTMDL	016-05	5/27/2005
SALUDA	030501090901	LITTLE RVR AT US 76 BUS IN LAURENS ABOVE STP	S-034	LAURENS	REC	FC	InTMDL	017-04	9/30/2004
SALUDA	030501090901	LITTLE RVR AT SC ROUTE 127	S-297	LAURENS	REC	FC	InTMDL	017-04	9/30/2004
SALUDA	030501090902	NORTH CK AT JCT WITH US 76 2.8 MI W OF CLINTON	S-135	LAURENS	REC	FC	InTMDL	017-04	9/30/2004
SALUDA	030501090903	BEAVERDAM CREEK AT S-30-341 7 MI S OF LAURENS	RS-05400	LAURENS	REC	FC	WnTMDL	017-04	9/30/2004
SALUDA	030501090905	LITTLE RVR AT SC 560	S-038	LAURENS	REC	FC	InTMDL	017-04	9/30/2004
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	WnTMDL	017-04	9/30/2004
SALUDA	030501090908	LITTLE RVR AT S-36-22 8.3 MI NW SILVERSTREET	S-099	NEWBERRY	REC	FC	InTMDL	017-04	9/30/2004
SALUDA	030501090908	LITTLE RVR AT SC 34	S-305	NEWBERRY	REC	FC	InTMDL	017-04	9/30/2004
SALUDA	030501091403	LORICK BR AT PT UPSTRM OF JCT WITH SALUDA RVR	S-150	LEXINGTON	REC	FC	InTMDL	018-04	9/30/2004
SALUDA	030501090501	PAYNE BRANCH AT S-23-451	RS-10394	GREENVILLE	REC	FC	WnTMDL	019-04	9/30/2004
SALUDA	030501090501	PAYNE BRANCH AT JENKINS BRIDGE ROAD	RS-15237	GREENVILLE	REC	FC	WnTMDL	019-04	9/30/2004
SALUDA	030501090501	SOUTH RABON CK ON DIRT RD BETWEEN SC 101 & S-30-76	S-322	LAURENS	REC	FC	InTMDL	019-04	9/30/2004
SALUDA	030501090502	NORTH RABON CK AT S-30-32	S-321	LAURENS	REC	FC	InTMDL	019-04	9/30/2004
SALUDA	030501090503	RABON CK AT S-30-54 8.8 MI NW CROSS HILL	S-096	LAURENS	REC	FC	InTMDL	019-04	9/30/2004
SALUDA	030501090503	LAKE GREENWOOD, RABON CK ARM, .8 KM N RD S-30-307	S-307	LAURENS	REC	FC	InTMDL	019-04	9/30/2004
SALUDA	030501090307	MILL CK AT BENT BRIDGE RD, BL CAROLINA PLATING	S-315	GREENVILLE	REC	FC	InTMDL	020-00	2/23/2000
SALUDA	030501091206	UNNAMED TRIB TO SCOTT CREEK AT WISE STREET AT BEND	RS-08075	NEWBERRY	REC	FC	WnTMDL	020-04	9/30/2004
SALUDA	030501091206	SCOTT CK AT SC 34 SW OF NEWBERRY	S-044	NEWBERRY	REC	FC	InTMDL	020-04	9/30/2004
SALUDA	030501090102	NORTH SALUDA RIVER AT SC 11, 5 MI NE OF MARIETTA	RS-11010	GREENVILLE	REC	FC	WnTMDL	023-04	9/30/2004
SALUDA	030501090102	UNNAMED TRIB TO NORTH SALUDA RIVER AT VALLEY ROAD OFF US 276	RS-13125	DILLON	REC	FC	WnTMDL	023-04	9/30/2004
SALUDA	030501090102	N SALUDA RVR AT BRDG AB JCT WITH SALUDA RVR E OF SC 186	S-004	GREENVILLE	REC	FC	InTMDL	023-04	9/30/2004

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SALUDA	030501090201	OOLENOY RVR AT S-39-47	S-103	PICKENS	REC	FC	InTMDL	023-04	9/30/2004
SALUDA	030501090202	SOUTH SALUDA RIVER AT S-23-101	S-087	GREENVILLE	REC	FC	InTMDL	023-04	9/30/2004
SALUDA	030501090203	MIDDLE SALUDA RVR AT SC 288 2.3 MI WSW SLATER	S-252	GREENVILLE	REC	FC	InTMDL	023-04	9/30/2004
SALUDA	030501090204	SOUTH SALUDA RVR AT SC 186	S-299	GREENVILLE	REC	FC	InTMDL	023-04	9/30/2004
SALUDA	030501090301	SALUDA LAKE 0.9 MI SE SC 183 IN SMALL ARM	RL-03349	PICKENS	REC	FC	WnTMDL	023-04	9/30/2004
SALUDA	030501090301	DODDIES CK AT INTERSECTION OF MISTLETOE LN AND OLD DACUSVILLE RD 8.7 MI NE OF PICKENS	RS-07215	PICKENS	REC	FC	WnTMDL	023-04	9/30/2004
SALUDA	030501090301	SALUDA LAKE AT FARRS BRDG ON SC 183 7 MI NE EASLEY	S-250	GREENVILLE	REC	FC	InTMDL	023-04	9/30/2004
SALUDA	030501090301	SALUDA LAKE, .5 MI US OF LANDING	S-314	GREENVILLE	REC	FC	WnTMDL	023-04	9/30/2004
SALUDA	030501090302	BR OF GEORGES CK AT S-39-192, 2.6 MI NE EASLEY	S-005	PICKENS	REC	FC	InTMDL	023-04	9/30/2004
SALUDA	030501090302	GEORGES CK AT S-39-28	S-300	PICKENS	REC	FC	InTMDL	023-04	9/30/2004
SALUDA	030501090303	BIG BRUSHY CK AT S-04-143	S-301	ANDERSON	REC	FC	InTMDL	023-04	9/30/2004
SALUDA	030501090305	GROVE CK AT UN# RD BELOW J P STEVENS ESTES PLANT	S-171	GREENVILLE	REC	FC	InTMDL	023-04	9/30/2004
SALUDA	030501090306	BIG CK AT S-04-116	S-302	ANDERSON	REC	FC	InTMDL	023-04	9/30/2004
SALUDA	030501090307	SALUDA RVR AT SC 81 SW OF GREENVILLE	S-007	ANDERSON	REC	FC	InTMDL	023-04	9/30/2004
SALUDA	030501090307	TRIB TO SALUDA RVR 350 FT BL W PELZER STP ON S-23-53	S-267	ANDERSON	REC	FC	InTMDL	023-04	9/30/2004
SALUDA	030501091003	WEST CREEK AT S-41-105 12.4 MI ESE OF SALUDA	RS-05398	SALUDA	REC	FC	WnTMDL	027-05	9/11/2005
SALUDA	030501091003	LICK CK AT BRIDGE ON S-41-189	RS-09114	SALUDA	REC	FC	WnTMDL	027-05	9/11/2005
SALUDA	030501091003	CLOUDS CK AT S-41-26 4 MI NW BATESBURG	S-255	SALUDA	REC	FC	InTMDL	027-05	9/11/2005
SALUDA	030501091003	CLOUDS CK AT US 378	S-324	SALUDA	REC	FC	InTMDL	027-05	9/11/2005
SALUDA	030501091101	DRY CREEK AT S-41-29; OLD CHARLESTON ROAD	RS-16329	SALUDA	REC	FC	WnTMDL	027-05	9/11/2005
SALUDA	030501091104	LITTLE SALUDA RVR AT US 378 E SALUDA	S-050	SALUDA	REC	FC	InTMDL	027-05	9/11/2005
SALUDA	030501091104	LITTLE SALUDA RVR AT S-41-39 5.2 MI NE SALUDA	S-123	SALUDA	REC	FC	InTMDL	027-05	9/11/2005
SALUDA	030501091303	HOLLOW CK AT S-32-54	S-306	LEXINGTON	REC	FC	InTMDL	027-05	9/11/2005
SALUDA	030501091303	HOLLOW CREEK@ DOG LEG ROAD	S-976	LEXINGTON	REC	FC	WnTMDL	027-05	9/11/2005
SALUDA	030501091303	HOLLOW CREEK@ DERRICK HOLLOW ROAD	S-977	LEXINGTON	REC	FC	WnTMDL	027-05	9/11/2005
SALUDA	030501091303	LITTLE CREEK@ DEVILS BACKBONE ROAD	S-978	LEXINGTON	REC	FC	WnTMDL	027-05	9/11/2005
SALUDA	030501091305	CAMPING CK S-36-202 BLW GA PACIFIC	S-290	NEWBERRY	REC	FC	InTMDL	027-05	9/11/2005
SALUDA	030501090701	ROCKY CREEK AT SC 72 BY-PASS AND SC 254 IN GREENWOOD	RS-03346	GREENWOOD	REC	FC	InTMDL	04A-10	4/21/2010
SALUDA	030501090701	CORONACA CREEK AT S-24-39, 5.1 MI NNE OF GREENWOOD	RS-11054	GREENWOOD	REC	FC	WnTMDL	04A-10	4/21/2010
SALUDA	030501090701	CORONACA CK AT S-24-100 4 MI NW OF 96	S-092	GREENWOOD	REC	FC	InTMDL	04A-10	4/21/2010
SALUDA	030501090702	WILSON CK AT S-24-101	S-233	GREENWOOD	REC	FC	InTMDL	04A-10	4/21/2010
SALUDA	030501090702	WILSON CK AT S-24-124	S-235	GREENWOOD	REC	FC	InTMDL	04A-10	4/21/2010
SALUDA	030501090703	HENLEY CREEK AT BRIDGE ON SC 248	RS-09322	GREENWOOD	REC	FC	WnTMDL	04A-10	4/21/2010
SALUDA	030501090704	NINETY SIX CK AT SC 702 5.2 MI ESE OF 96	S-093	GREENWOOD	REC	FC	InTMDL	04A-10	4/21/2010
SALUDA	030501091103	BIG CREEK AT SC 39 5.1 MI NW OF SALUDA	RS-05590	SALUDA	REC	FC	InTMDL	07J-14	7/9/2010

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SALUDA	030502040101	BOG BRANCH AT S-43-91 (AIRPORT ROAD)/S-19-75 (OLD PLANK ROAD)	RS-16297	EDGEFIELD	REC	FC	WnTMDL	9D21-11	9/1/2011
SANTEE	030502010401	WANDO RIVER AT DEEP CREEK	09B-04	CHARLESTON	SHELLFISH	FC	InTMDL	0209-17	2/3/2017
SANTEE	030502010401	WANDO RIVER OPPOSITE BIG PARADISE ISLAND	09B-05	CHARLESTON	SHELLFISH	FC	InTMDL	0209-17	2/3/2017
SANTEE	030502010401	WANDO RIVER AT PARADISE BOAT LANDING	09B-06	CHARLESTON	SHELLFISH	FC	InTMDL	0209-17	2/3/2017
SANTEE	030502010401	DEEP CREEK - 1 MILE FROM CONFLUENCE WITH WANDO RIVER	09B-09	CHARLESTON	SHELLFISH	FC	InTMDL	0209-17	2/3/2017
SANTEE	030502010401	WANDO RIVER AT ALSTON CREEK CONFLUENCE	09B-10	CHARLESTON	SHELLFISH	FC	InTMDL	0209-17	2/3/2017
SANTEE	030502010401	WANDO RIVER AT GUERIN CREEK	09B-11	BERKELEY	SHELLFISH	FC	InTMDL	0209-17	2/3/2017
SANTEE	030502010401	GUERIN CREEK AT OLD HOUSE CREEK	09B-12	BERKELEY	SHELLFISH	FC	InTMDL	0209-17	2/3/2017
SANTEE	030502010402	WANDO RIVER AT HORLBECK CREEK	09B-02	CHARLESTON	SHELLFISH	FC	InTMDL	0209-17	2/3/2017
SANTEE	030502010402	BOONE HALL CREEK OPPOSITE COUNTY RECREATION AREA	09B-07	CHARLESTON	SHELLFISH	FC	InTMDL	0209-17	2/3/2017
SANTEE	030502010402	RAT HALL CRK AT CONFLUENCE WITH WANDO RVR. (C6-97/U4/01)	09B-18	CHARLESTON	SHELLFISH	FC	InTMDL	0209-17	2/3/2017
SANTEE	030502010402	HORLBECK CREEK AT THE POWER LINE CROSSING	09B-21	CHARLESTON	SHELLFISH	FC	InTMDL	0209-17	2/3/2017
SANTEE	030501110101	WARLEY CREEK AT CO RD S-09-287 3.4 MI NW OF LONE STAR	RS-04389	CALHOUN	REC	FC	WnTMDL	023-05	7/19/2005
SANTEE	030501110101	WARLEY CREEK AT HWY. 267 BRIDGE	SC-006	CALHOUN	REC	FC	InTMDL	023-05	7/19/2005
SANTEE	030501110103	LK INSPIRATION - ST MATTHEWS (FRONT OF HEALTH DEPT)	C-058	CALHOUN	REC	FC	InTMDL	023-05	7/19/2005
SANTEE	030501110103	HALFWAY SWP CK AT S-09-43 3 MI E OF ST MATTHEWS	C-063	CALHOUN	REC	FC	InTMDL	023-05	7/19/2005
SANTEE	030501110103	FURTICK BRANCH@ COUNTY RD. 11	CW-517	CALHOUN	REC	FC	WnTMDL	023-05	7/19/2005
SANTEE	030501110103	LYONS CREEK@ COUNTY RD. 20	CW-546	CALHOUN	REC	FC	WnTMDL	023-05	7/19/2005
SANTEE	030501110103	LYONS CREEK AT SC 6	ST-533	CALHOUN	REC	FC	WnTMDL	023-05	7/19/2005
SANTEE	030501110104	HALFWAY SWP CK AT SC 33 (SC-007)	C-015	CALHOUN	REC	FC	WnTMDL	023-05	7/19/2005
SANTEE	030501110104	HALFWAY SWP CK AT S-09-72	CW-241	CALHOUN	REC	FC	InTMDL	023-05	7/19/2005
SANTEE	030501110104	HALFWAY SWAMP CREEK AT SR 157	ST-534	CALHOUN	REC	FC	WnTMDL	023-05	7/19/2005
SANTEE	030502010604	DORCHESTER CK AT SC 165	CSTL-013	DORCHESTER	REC	FC	InTMDL	04-03	3/28/2003
SANTEE	030502010604	SAWMILL BR AT SC 78 E OF SUMMERTVILLE	CSTL-043	DORCHESTER	REC	FC	InTMDL	04-03	3/28/2003
SANTEE	030502010604	SAWMILL BRANCH S-18-706 IN SUMMERTVILLE	RS-05563	DORCHESTER	REC	FC	WnTMDL	04-03	3/28/2003
SANTEE	030502010402	WANDO RVR AT SC 41	MD-115	BERKELEY	AL	DO	InTMDL	0506-13	4/26/2013
SANTEE	030502010402	WANDO RIVER AT I-526 MARK CLARK EXPRESSWAY (09B-15)	MD-264	CHARLESTON	AL	DO	InTMDL	0506-13	4/26/2013
SANTEE	030502010402	WANDO RIVER; BERKELEY CO PORTION; APPROX 0.5 MI NW OF MOUTH OF HOBCAW CREEK AND 0.4 MI SW OF 09B-14	RO-13332	BERKELEY	AL	DO	WnTMDL	0506-13	4/26/2013
SANTEE	030502010402	WANDO RIVER MID-CHANNEL UPRIVER OF HORLBECK CREEK NEAR 09B-22	RO-13336	BERKELEY	AL	DO	WnTMDL	0506-13	4/26/2013

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SANTEE	030502010602	ASHLEY RVR AT SC 165 4.8 MI SSW OF SUMMERTON	CSTL-102	DORCHESTER	AL	DO	InTMDL	0506-13	4/26/2013
SANTEE	030502010604	ASHLEY RVR AT MAGNOLIA GARDENS	MD-049	CHARLESTON	AL	DO	InTMDL	0506-13	4/26/2013
SANTEE	030502010604	ASHLEY RV 1.8 MI NW RUNNYMEDE PLANTATION	RT-032046	CHARLESTON	AL	DO	InTMDL	0506-13	4/26/2013
SANTEE	030502010605	ASHLEY RVR AT SALRR BRDG	MD-052	CHARLESTON	AL	DO	InTMDL	0506-13	4/26/2013
SANTEE	030502010605	ASHLEY RIVER BETWEEN OLDTOWN CREEK AND THE ASHLEY RIVER MEMORIAL BRIDGE NEAR MIDCHANNEL.	RO-09363	CHARLESTON	AL	DO	InTMDL	0506-13	4/26/2013
SANTEE	030502010701	PIER IN WEST BRANCH COOPER RVR AT END OF RICE MILL RD IN PIMLICO	CSTL-085	BERKELEY	AL	DO	InTMDL	0506-13	4/26/2013
SANTEE	030502010704	COOPER RVR AT S-08-503 6.2 MI ESE OF GOOSE CK	MD-152	CHARLESTON	AL	DO	InTMDL	0506-13	4/26/2013
SANTEE	030502010705	TAIL RACE CANAL AT US 52 & 17A BELOW LAKE MOULTRIE (SC-033)	CSTL-062	BERKELEY	AL	DO	WnTMDL	0506-13	4/26/2013
SANTEE	030501110108	POTATO CREEK AT S-14-715 (ROGERS ROAD) 5.5 MI SE OF SUMMERTON	RS-03501	CLARENDON	REC	FC	InTMDL	06I-10	6/1/2010
SANTEE	030501110108	POTATO CK AT S-14-127 3.2 MI S OF SUMMERTON (SC-020)	ST-035	CLARENDON	REC	FC	InTMDL	06I-10	6/1/2010
SANTEE	030501110106	BIG BRANCH AT S-14-41 (SC-047)	CW-243	CLARENDON	REC	FC	InTMDL	07J-13	7/9/2010
SANTEE	030502010201	WADBOO SWAMP AT S-08-447 THIRD BRIDGE FROM WEST	RS-02461	BERKELEY	REC	ECOLI	InTMDL	0912-13	9/6/2013
SANTEE	030502010203	CANE GULLEY BRANCH AT S-08-97 6.1 MI NE OF MONCKS CORNER	RS-03333	BERKELEY	REC	ECOLI	InTMDL	0912-13	9/6/2013
SANTEE	030502010605	JAMES ISLAND CREEK 1 - SOUTH SIDE, CENTER OF HARBOR VIEW RD. BRIDGE	JIC1	CHARLESTON	REC	ENTERO	InTMDL	002-2020	1/2/2020
SANTEE	030502010605	JAMES ISLAND CREEK 2 - END OF OAK POINT DRIVE DOCK (PRIVATE ACCESS)	JIC2	CHARLESTON	REC	ENTERO	InTMDL	002-2020	1/2/2020
SANTEE	030502010605	JAMES ISLAND CREEK N OF WHITE HALL PLANTATION	RT-052098	CHARLESTON	REC	ENTERO	InTMDL	002-2020	1/2/2020
SANTEE	030502010707	SHEM CK AT BRDG ON US 17	MD-071	CHARLESTON	REC	ENTERO	InTMDL	001-2020	1/2/2020
SANTEE	030502010707	SHEM CREEK 1 - SOUTHWEST END OF FLOATING DOCK AT SHEM CREEK PARK	SC1	CHARLESTON	REC	ENTERO	InTMDL	001-2020	1/2/2020
SANTEE	030502010707	SHEM CREEK 2 - END OF DOCK AT SHEM CREEK PUBLIC BOAT LANDING	SC2	CHARLESTON	REC	ENTERO	InTMDL	001-2020	1/2/2020
SANTEE	030502010707	SHEM CREEK 3 - END OF SEA GULL DRIVE DOCK (PRIVATE ACCESS)	SC3	CHARLESTON	REC	ENTERO	InTMDL	001-2020	1/2/2020
SANTEE	030501120303	SOUTH SANTEE RIVER AT ALLIGATOR CREEK	06A-01	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030501120303	SOUTH SANTEE RIVER NEAR THE MIDPOINT OF GRACE ISLAND (C-3/01)	06A-01A	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030501120303	SOUTH SANTEE INLET	06A-02	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010

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SANTEE	030501120303	ALLIGATOR CREEK NEAREST SOUTH SANTEE RIVER BETWEEN MARKERS 24 & 25	06B-13	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030502090101	ALLIGATOR CREEK AND OCEAN INLET	06B-06	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030502090101	ALLIGATOR CREEK AT MARKER #26	06B-07	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030502090101	CASINO CREEK AT MARKER #29	06B-08	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030502090101	DUPRE CREEK - 500 FEET NORTH OF NEW DOCK (SOUTH OF MARKER #30)	06B-09	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030502090101	AIWW AT MARKER #32	06B-10	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030502090101	ALLIGATOR CREEK STATE SHELLFISH GROUND	06B-12	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030502090101	CASINO CREEK MIDWAY BETWEEN STATIONS 19 AND 24 (AT SMALL UNNAMED CREEK ON RIGHT, SOUTHBOUND)	06B-16	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030502090101	CONFLUENCE OF CASINO CREEK AND SKRINE CREEK	06B-19	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030502090101	1,000 YARDS UP DUPRE CREEK FROM CLUBHOUSE CREEK	06B-20	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030502090101	CONFLUENCE OF ALLIGATOR CREEK AND RAMHORN CREEK	06B-21	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030502090101	CONFLUENCE OF RAMHORN CREEK AND MILL CREEK	06B-22	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SANTEE	030502090101	CONFLUENCE OF SKRINE CREEK AND CONGAREE BOAT CREEK	06B-23	CHARLESTON	SHELLFISH	FC	InTMDL	09S-16	8/27/2010
SAVANNAH	030601010202	LITTLE EASTATOE CREEK AT S-39-49	SV-341	PICKENS	REC	FC	InTMDL	004-01	1/17/2001
SAVANNAH	030601010202	LITTLE EASTATOE CREEK@ MOCCASIN ROAD (ACROSS BOGGS PROPERTY)	SV-806	PICKENS	REC	FC	WnTMDL	004-01	1/17/2001
SAVANNAH	030601010501	CULVERT OVER WHITE FORK AT STRIBLING SHOALS RD OFF S-37-36	RS-08089	OCONEE	REC	FC	WnTMDL	006-01	1/18/2001
SAVANNAH	030601010502	COLONELS FORK CK AT S-37-91	RS-02304	OCONEE	REC	FC	WnTMDL	006-01	1/18/2001
SAVANNAH	030601010502	CONEROSS CK AT SC 59	SV-004	OCONEE	REC	FC	InTMDL	006-01	1/18/2001
SAVANNAH	030601010502	CONEROSS CK AT S-37-13	SV-333	OCONEE	REC	FC	InTMDL	006-01	1/18/2001
SAVANNAH	030601060203	SAND RVR AT OLD US 1 1.2 MI SE WARRENVILLE	SV-069	AIKEN	REC	FC	InTMDL	007-06	1/20/2006
SAVANNAH	030601060203	HORSE CK AT S-02-104 0.6 MI SW GRANITEVILLE	SV-071	AIKEN	REC	FC	WnTMDL	007-06	1/20/2006
SAVANNAH	030601060204	LITTLE HORSE CK AT SC 421 BL EFF OF CLEARWTR FIN	SV-073	AIKEN	REC	FC	InTMDL	007-06	1/20/2006
SAVANNAH	030601060205	HORSE CK AT S-02-145	SV-072	AIKEN	REC	FC	InTMDL	007-06	1/20/2006
SAVANNAH	030601060205	HORSE CK AT SC 125 1.5 MI SW CLEARWATER	SV-250	AIKEN	REC	FC	InTMDL	007-06	1/20/2006
SAVANNAH	030601030401	BIG GENEROSTEE CK AT CO RD 104	SV-316	ANDERSON	REC	FC	InTMDL	009-04	9/16/2004
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	InTMDL	009-07	2/22/2007

Appendix D: SC Waters With an Approved TMDL

BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	TMDL*	DHEC_TECH REPORT	APPROVAL DATE
SAVANNAH	030601070207	CAMP BRANCH AT NEW CUT ROAD	RS-16289	EDGEFIELD	REC	ECOLI	WnTMDL	0107-14	12/23/2013
SAVANNAH	030601070208	BEAVERDAM CREEK AT FOREST SERVICE ROAD 621 OFF S-19-68	SV-353	EDGEFIELD	REC	ECOLI	InTMDL	0107-14	12/23/2013
SAVANNAH	030601030202	PEA CREEK AT BRIDGE ON S-04-48	RS-09330	ANDERSON	REC	FC	WnTMDL	012-04	9/16/2004
SAVANNAH	030601030202	CUPBOARD CK AT S-04-733 AB BREAZEALE ST PLANT & BL BLAIR HILL	SV-139	ANDERSON	REC	FC	InTMDL	012-04	9/16/2004
SAVANNAH	030601030202	CUPBOARD CK AT S-04-209 BL EFF FROM BELTON 2 PLANT	SV-140	ANDERSON	REC	FC	InTMDL	012-04	9/16/2004
SAVANNAH	030601030202	BROADWAY CREEK AT US 76 BTWN ANDERSON & BELTON	SV-141	ANDERSON	REC	FC	InTMDL	012-04	9/16/2004
SAVANNAH	030601030203	ROCKY RVR AT S-04-263 2.7 MI SE ANDERSON AT STP	SV-031	ANDERSON	REC	FC	InTMDL	012-04	9/16/2004
SAVANNAH	030601030203	ROCKY RVR AT S-04-152 BL ROCKY RVR STP	SV-041	ANDERSON	REC	FC	InTMDL	012-04	9/16/2004
SAVANNAH	030601030204	CHEROKEE CK AT S-04-318 4 MI S OF BELTON	SV-043	ANDERSON	REC	FC	InTMDL	012-04	9/16/2004
SAVANNAH	030601030206	WILSON CREEK AT OLD BRIDGE ON S-04-30 (FRED BRADFORD RD) WHICH IS BETWEEN SC 81 AND S-04-668 AND SOUTH OF S-04-156, 2.1 MI SE OF STARR	RS-11053	ANDERSON	REC	FC	WnTMDL	012-04	9/16/2004
SAVANNAH	030601030206	WILSON CREEK AT S-04-294	SV-347	ANDERSON	REC	FC	InTMDL	012-04	9/16/2004
SAVANNAH	030601020505	BEAVERDAM CREEK AT S-37-66	SV-345	OCONEE	REC	FC	InTMDL	015-99	9/16/1999
SAVANNAH	030601010305	CANE CREEK AT S-37-133	SV-342	OCONEE	REC	FC	InTMDL	017-05	5/27/2005
SAVANNAH	030601010305	LITTLE CANE CREEK AT S-37-133	SV-343	OCONEE	REC	FC	InTMDL	017-05	5/27/2005
SAVANNAH	030601010305	LITTLE CANE CREEK@ NELLIE ROAD	SV-807	OCONEE	REC	FC	WnTMDL	017-05	5/27/2005
SAVANNAH	030601010305	LITTLE CANE CREEK@ AUSTIN EDWARDS ROAD	SV-808	OCONEE	REC	FC	WnTMDL	017-05	5/27/2005
SAVANNAH	030601010305	LITTLE CANE CREEK@ OCONEE BELLE LANE (ACROSS ORR PROPERTY)	SV-809	OCONEE	REC	FC	WnTMDL	017-05	5/27/2005
SAVANNAH	030601010305	LITTLE CANE CREEK@ PICKENS HIGHWAY	SV-810	OCONEE	REC	FC	WnTMDL	017-05	5/27/2005
SAVANNAH	030601010305	UNNAMED TRIB TO LITTLE CANE CREEK	SV-811	OCONEE	REC	FC	WnTMDL	017-05	5/27/2005
SAVANNAH	030601010305	UNNAMED TRIB TO LITTLE CANE CREEK @ TAYLOR ROAD	SV-812	OCONEE	REC	FC	WnTMDL	017-05	5/27/2005
SAVANNAH	030601010305	LITTLE CANE CREEK NEAR HWY 11	SV-813	OCONEE	REC	FC	WnTMDL	017-05	5/27/2005
SAVANNAH	030601070101	HARD LABOR CREEK AT S-24-164 BRIDGE	SV-151	GREENWOOD	REC	FC	InTMDL	019-05	5/27/2005
SAVANNAH	030601060403	HOLLOW CREEK AT S-02-5	SV-350	AIKEN	REC	FC	InTMDL	020-05	5/27/2005
SAVANNAH	030601010601	EIGHTEENMILE CK AT UNNUMBERED CO RD 2.25 MI SSW OF EASLEY	SV-017	PICKENS	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030601010601	WOODSIDE BR AT US 123 1.5 MI E OF LIBERTY	SV-241	PICKENS	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030601010601	EIGHTEENMILE CK AT S-39-27 3.3 MI S OF LIBERTY	SV-245	PICKENS	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030601010602	EIGHTEENMILE CK AT S-39-93 S OF CENTRAL	SV-135	ANDERSON	REC	FC	InTMDL	026-05	7/21/2005

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BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	TMDL*	DHEC_TECH REPORT	APPROVAL DATE
SAVANNAH	030601010602	EIGHTEENMILE CK AT 2-04-279	SV-233	ANDERSON	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030601010602	LAKE HARTWELL - EIGHTEEN MILE CK ARM AT S-04-1098	SV-268	ANDERSON	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030601010701	CHARLES CREEK AT UNNUMBERED RIDGE ROAD OFF S-04-485	RS-03506	ANDERSON	REC	FC	WnTMDL	026-05	7/21/2005
SAVANNAH	030601010702	THREE & TWENTY CREEK AT S-04-280	SV-111	ANDERSON	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030601030502	UNNAMED TRIB TO BAILEY'S CREEK AT S-1-171 4.8 MI NNE OF ABBEVILLE	RS-06190	ABBEVILLE	REC	FC	WnTMDL	026-05	7/21/2005
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	WnTMDL	026-05	7/21/2005
SAVANNAH	030601030508	MCKENLEY CREEK AT SC 72	RS-16306	ABBEVILLE	REC	FC	WnTMDL	026-05	7/21/2005
SAVANNAH	030601030510	CALHOUN CREEK AT SC 28, 1.5 M NW OF ABBEVILLE	RS-01049	ABBEVILLE	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030601030510	CALHOUN CK AT BRIDGE ON SC 71	RS-09092	ABBEVILLE	REC	FC	WnTMDL	026-05	7/21/2005
SAVANNAH	030601030510	LONG CANE CK AT S-33-117 7.0 MI NW MCCORMICK	SV-318	MCCORMICK	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030601030512	LITTLE RIVER AT S-01-32	SV-348	ABBEVILLE	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030601030602	LITTLE RIVER AT S-01-24	SV-164	ABBEVILLE	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030601030603	JOHNS CK AT S-01-616.7 MI ENE OF ABBEVILLE	RS-07222	ABBEVILLE	REC	FC	WnTMDL	026-05	7/21/2005
SAVANNAH	030601030605	BLUE HILL CK ON S MAIN ST ABBEVILLE	SV-053B	ABBEVILLE	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030601030606	LONG CANE CREEK AT S-01-159	SV-349	ABBEVILLE	REC	FC	InTMDL	026-05	7/21/2005
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	WnTMDL	026-05	7/21/2005
SAVANNAH	030601030609	SAWNEY CK AT CO RD 1.5 MI SE OF CALHOUN FALLS	SV-052	ABBEVILLE	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030601030613	LITTLE RIVER AT S-33-19	SV-192	MCCORMICK	REC	FC	InTMDL	026-05	7/21/2005
SAVANNAH	030501091303	HOLLOW CREEK@ EDGE OF PASTURE IMMEDIATELY UPSTREAM OF S-306	S-975	LEXINGTON	REC	FC	WnTMDL	027-05	9/11/2005
SAVANNAH	030601070201	SLEEPY CREEK AT S-19-140	RS-08068	EDGEFIELD	REC	ECOLI	InTMDL	0406-17	5/19/2017
SAVANNAH	030601070208	TURKEY CREEK AT S-19-35 WALKER ROAD	RS-15257	EDGEFIELD	REC	ECOLI	WnTMDL	0406-17	5/19/2017
SAVANNAH	030601070208	TURKEY CREEK AT S-33-227/S-19-68	SV-352	EDGEFIELD	REC	ECOLI	InTMDL	0406-17	5/19/2017
SAVANNAH	030601010302	BURGESS CREEK AT S-37-171 (RTE 171, WHITEWATER FALLS RD)	RS-02466	OCONEE	REC	FC	InTMDL	06J-12	6/15/2010
SAVANNAH	030601070102	CHURCH BRANCH AT S-24-375 3.6 MI E OF BRADLEY	RS-06016	GREENWOOD	REC	ECOLI	InTMDL	0723-15	7/8/2015
SAVANNAH	030601070105	CUFFYTOWN CREEK AT S-24-44 -EPWORTH CAMP ROAD E	RS-13118	GREENWOOD	REC	ECOLI	WnTMDL	0723-15	7/8/2015
SAVANNAH	030601070105	CUFFYTOWN CREEK AT US 25	RS-16318	GREENWOOD	REC	ECOLI	WnTMDL	0723-15	7/8/2015
SAVANNAH	030601070106	CUFFYTOWN CREEK AT S-33-138	SV-351	MCCORMICK	REC	ECOLI	InTMDL	0723-15	7/8/2015

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BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	TMDL*	DHEC_TECH REPORT	APPROVAL DATE
SAVANNAH	030601070108	STEVENS CREEK AT SC 283	RS-15241	MCCORMICK	REC	ECOLI	WnTMDL	0723-15	7/8/2015
SAVANNAH	030601070108	STEVENS CREEK AT S-33-21	SV-330	MCCORMICK	REC	ECOLI	InTMDL	0723-15	7/8/2015
SAVANNAH	030601010402	NORTH FORK AT US 178 2.9 MI N OF PICKENS	SV-206	PICKENS	REC	FC	InTMDL	09-03	12/4/2003
SAVANNAH	030601010406	GOLDEN CK AT S-39-222 1.2 MI NW OF LIBERTY	SV-239	PICKENS	REC	FC	InTMDL	09-03	12/4/2003
SAVANNAH	030601010407	TWELVEMILE CREEK AT S-39-267, 3.5 MI SW OF PICKENS	RS-11009	PICKENS	REC	FC	WnTMDL	09-03	12/4/2003
SAVANNAH	030601010407	TWELVE MILE CK AT S-39-137	SV-362	PICKENS	REC	FC	WnTMDL	09-03	12/4/2003
SAVANNAH	030601010408	TWELVE MI CK AT S-39-51 N OF NORRIS	SV-015	PICKENS	REC	FC	InTMDL	09-03	12/4/2003
SAVANNAH	030601010408	FIRST CK AFTER LEAVING CENTRAL AT CLVT ON MAW BRDG RD	SV-136	PICKENS	REC	FC	InTMDL	09-03	12/4/2003
SAVANNAH	030601010408	TWELVE MILE CK AT S-39-337	SV-137	PICKENS	REC	FC	InTMDL	09-03	12/4/2003
SAVANNAH	030601020502	CHOESTOEA CREEK AT S-37-49	SV-108	OCONEE	REC	FC	InTMDL	0904-12	8/31/2012
SAVANNAH	030601020502	NORRIS CK AT S-37-435 1 MI S OF WESTMINSTER	SV-301	OCONEE	REC	FC	InTMDL	0904-12	8/31/2012
SAVANNAH	030601060504	TIMS BR AT SRP ROAD C	SV-324	AIKEN	REC	ECOLI	InTMDL	1210-13	11/21/2013
SAVANNAH	030601060505	ROAD CROSSING UPPER THREE RUNS CREEK ABOVE CONFLUENCE WITH TINKER CREEK SRS -USE SV-2027	SV-2027	AIKEN	REC	ECOLI	WnTMDL	1210-13	11/21/2013
SAVANNAH	030601060506	UPPER THREE RUNS AT SRP ROAD A	SV-325	AIKEN	REC	ECOLI	InTMDL	1210-13	11/21/2013

*InTMDL=Impaired site included in original approved TMDL effort. WnTMDL=Site became impaired after original TMDL effort and is covered under an approved TMDL.

Appendix E:

**Waters and Impairments Targeted for TMDLs, Alternative
Restoration Plans or Waters Targeted for Additional Protection
2016-2022.**

Appendix E: 2016-2022 Restoration Priorities

PRIORITY RANK	LOCATION	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)	COMMENT 2018
2	CATAWBA-WATeree LAKES	CATAWBA	030501040111	KERSHAW	LK WATeree IN FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CL-089	AL	DO, PH	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	FISHING CK RES 2 MI BL CANE CREEK	CW-016F	AL	TN, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	LANCASTER	CEDAR CK RESERVOIR 100 M N OF DAM	CW-033	AL	PH, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	FISHING CK RES 75 FT AB DAM NR GREAT FALLS	CW-057	AL	PH, TN, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	CEDAR CK RESERVOIR AT UNIMP RD AB JCT WITH ROCKY CK	CW-174	AL	PH, TN, TP	New pH, TN impairment in 2016 priority area
2	CATAWBA-WATeree LAKES	CATAWBA	030501030505	CHESTER	CEDAR CK RESERVOIR/ROCKY CK AT S-12-141 SE OF GREAT FALLS	CW-175	AL	DO, TN, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501011506	YORK	LK WYLIE AT SC 274 9 MI NE OF YORK	CW-200	AL	CHLA, TP	Standards attained; priority removed
2	CATAWBA-WATeree LAKES	CATAWBA	030501040111	FAIRFIELD	LK WATeree AT END OF S-20-291	CW-207	AL	CHLA*, PH	CHLA standard attained; 2018 protection priority
2	CATAWBA-WATeree LAKES	CATAWBA	030501040108	FAIRFIELD	LK WATeree AT S-20-101 11 MI ENE WINNSBORO	CW-208	AL	PH	
2	CATAWBA-WATeree LAKES	CATAWBA	030501040111	KERSHAW	LK WATeree AT SMALL ISLAND 2.3 MI N OF DAM	CW-209	AL	PH	
2	CATAWBA-WATeree LAKES	CATAWBA	030501040106	LANCASTER	LK WATeree HEADWATERS APPROX 50 YDS DS CONFL CEDAR CK	CW-231	AL	DO, TN, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	LANCASTER	CEDAR CK RES 2.15 M SE OF GREAT FALLS	RL-01007	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501040111	KERSHAW	LAKE WATeree 1.0 MI SW FROM MOUTH OF BEAVER CK	RL-02314	AL	PH, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	CEDAR CK RES FROM W OF BIG ISL 7 MI BELOW ROCKY CK CONFL	RL-02319	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	LANCASTER	CEDAR CK RES 0.15 MI SE OF S TIP PICKETT ISLAND	RL-02452	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 0.9 MI NE OF GREAT FALLS	RL-03332	AL	TN, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501040111	KERSHAW	LAKE WATeree NEARSHORE ALONG S-28-802 OPP COLONEL CK CONFL	RL-03336	AL	PH, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	CEDAR CREEK RESERVOIR 0.3 MI NE OF DAM AND W OF BIG ISLAND	RL-03351	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	CEDAR CREEK RESERVOIR 1.9 MI SE OF GREAT FALLS AND E OF BIG ISLAND	RL-03353	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	GREAT FALLS RSVR 1 MI NE OF GREAT FALLS	RL-03458	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	LANCASTER	CEDAR CREEK RESERVOIR 2.2 MI SE OF GREAT FALLS SE OF BOWDEN ISLAND	RL-04375	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	CEDAR CREEK RESERVOIR 1.25 MI ESE OF GREAT FALLS NW OF HILL ISLAND	RL-04379	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	CEDAR CREEK RESERVOIR 0.42 MI NNW OF S-29-405 ON LANCASTER CHESTER COUNTY LINE	RL-05391	AL	TP	

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2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 1 MI EAST OF JUNCTION OF SC 99 AND US 21	RL-05414	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	FAIRFIELD	CEDAR CREEK RESERVOIR DEBUTARY CREEK BRANCH 0.4 MI E OF DEBUTARY CREEK AND S-20-268	RL-05416	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 1.2 MI SE OF GREAT FALLS W OF BIG ISLAND	RL-06429	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	CEDAR CREEK RESEVOIR 1.6 MI SE OF GREAT FALLS E OF BIG ISLAND	RL-06431	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	CEDAR CREEK RESEVOIR 2.3 MI SE OF GREAT FALLS S OF PICKET ISLAND	RL-06443	AL	PH	
2	CATAWBA-WATeree LAKES	CATAWBA	030501040108	FAIRFIELD	DUTCHMANS CREEK ARM OF LAKE WATeree 0.4 MI E OF S-20-101 BRIDGE	RL-08035	AL	PH, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	CEDAR CREEK RESERVOIR 0.27 MI SE OF S-12-141 BELOW TAILRACE FROM GREAT FALLS DAM	RL-08046	AL	TN, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 0.9 MI E OF NITROLEE W SIDE OF CUT BTWN 2 ISLANDS	RL-08062	AL	TN, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	FAIRFIELD	CEDAR CREEK RESERVOIR 0.15 MILES SOUTHWEST OF THE DEBUTARY BOAT LANDING	RL-09094	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501040111	KERSHAW	WATeree LAKE 1.9 MILES WEST OF THE CLEARWATER COVE BOAT LANDING AND 1.9 MILES NORTHEAST OF THE COLONEL CRREK BOAT LANDING. SITE IS LOCATED ABOUT MID CHANNEL OF THE LAKE.	RL-09099	AL	PH, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501040111	KERSHAW	LAKE WATeree 4.3MI NW OF WEST END OF WATeree DAM	RL-10008	AL	PH	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	LANCASTER	LAKE, CEDAR CK RESERVOIR 2.60MI SSE OF JCT OF US 21 AND SC-97 ON EAST SIDE OF GREAT FALL RESERVOIR	RL-10102	AL	TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	GREAT FALL RESERVOIR 155M SE OF JCT OF US 21 AND SC-97 ON WEST SIDE OF GREAT FALL RESERVOIR	RL-10106	AL	TN, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501040106	FAIRFIELD	WATeree LAKE ABOUT 1 MILE BELOW THE CONFLUENCE WITH THE CROOKED CREEK AND 1.3 MI ABOVE THE BIG WATeree CREEK ARM ABOUT 120 YARDS EAST OF THE BANK	RL-11040	AL	PH, TN, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 40 YARDS FROM DAM AND 70 YARDS WEST OF SHORE OF POINT	RL-11117	AL	DO, TN, TP	
2	CATAWBA-WATeree LAKES	CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR 1.0 MILES SOUTH OF SC 97 IN THE MIDDLE OF THE RESERVOIR.	RL-11119	AL	TN, TP	

Appendix E: 2016-2022 Restoration Priorities

2	CATAWBA-WATEREE LAKES	CATAWBA	030501040108	FAIRFIELD	LAKE WATEREE, DUTCHMANS CREEK COVE NEAR MOUTH OF CUT BEHIND LAKE WATEREE STATE PARK ISLAND APPROX 0.4 MI NE OF CW-208	RL-12056	AL	CHLA, PH	
2	CATAWBA-WATEREE LAKES	CATAWBA	030501030606	CHESTER	FISHING CREEK RESERVOIR APPROX MID-LAKE APPROX 1 MI N OF CANE CREEK LANDING	RL-13072	AL	TN, TP	
2	CATAWBA-WATEREE LAKES	CATAWBA	030501040111	KERSHAW	LAKE WATEREE APPROX 0.15 MI SW OF END OF LITTLE GULL RD	RL-13084	AL	PH	
2	CATAWBA-WATEREE LAKES	CATAWBA	030501030606	CHESTER	GREAT FALLS RESERVOIR NEAR BIG ISLAND SHORELINE ACROSS FROM END OF RIVER ST	RL-13134	AL	PH, TP	
2	CATAWBA-WATEREE LAKES	CATAWBA	030501040111	KERSHAW	LAKE WATEREE APPROX 1.7 MI NE OFF COLONEL CREEK LANDING	RL-14155	AL	PH	New site in existing priority area
2	CATAWBA-WATEREE LAKES	CATAWBA	030501040106	LANCASTER	LAKE WATEREE 2.1 MILES NNE OF WATEREE CREEK BOAT RAMP	RL-15007	AL	TN	New site in existing priority area
2	CATAWBA-WATEREE LAKES	CATAWBA	030501030606	LANCASTER	FISHING CREEK RESERVOIR 0.2 MILES NNW OF CANE CREEK LANDING	RL-15023	AL	PH,TN,TP	New site in existing priority area
2	CATAWBA-WATEREE LAKES	CATAWBA	030501030606	CHESTER	CEDAR CREEK RESERVOIR 1.7 MILES NORTH OF GOAT ISLAND	RL-15104	AL	PH	New site in existing priority area
2	CATAWBA-WATEREE LAKES	CATAWBA	030501040111	FAIRFIELD	FOX CREEK COVE OF LAKE WATEREE APPROX 300 YDS NE OF JUNE CREEK BOAT RAMP. PERFECT DOCK IF PERMISSION	RL-16039	AL	PH	New site in existing priority area
2	CATAWBA-WATEREE LAKES	CATAWBA	030501030606	LANCASTER	CEDAR CREEK RESERVOIR 0.39 MILES SW OF STUMPY POND LANDING	RL-16115	AL	TN	New site in existing priority area
1	JAMES ISLAND CREEK	SANTEE	030502010605	CHARLESTON	JAMES ISLAND CREEK 1 - SOUTH SIDE, CENTER OF HARBOR VIEW RD. BRIDGE	JIC1	REC	ENTERO	TMDL Approved 2020
1	JAMES ISLAND CREEK	SANTEE	030502010605	CHARLESTON	JAMES ISLAND CREEK 2 - END OF OAK POINT DRIVE DOCK (PRIVATE ACCESS)	JIC2	REC	ENTERO	TMDL Approved 2020
1	JAMES ISLAND CREEK	SANTEE	030502010605	CHARLESTON	JAMES ISLAND CREEK N OF WHITE HALL PLANTATION	RT-052098	REC	ENTERO	TMDL Approved 2020
1	JEFFERIES CREEK	PEEDEE	030402010905	FLORENCE	JEFFERIES CK AT SC 327 AT CLAUSSEN	PD-035	REC	ECOLI	TMDL Approved 2016
1	JEFFERIES CREEK	PEEDEE	030402010904	FLORENCE	WILLOW CREEK AT S-21-57	PD-167	REC	ECOLI	TMDL Approved 2016
1	JEFFERIES CREEK	PEEDEE	030402010901	FLORENCE	MIDDLE SWP AT SC 51 3.5 MI SSE OF FLORENCE	PD-230	REC	ECOLI	TMDL Approved 2016
1	JEFFERIES CREEK	PEEDEE	030402010905	FLORENCE	JEFFERIES CK AT UN# RD 3.3 MI ESE OF CLAUSSEN	PD-231	REC	ECOLI	TMDL Approved 2016
1	JEFFERIES CREEK	PEEDEE	030402010902	FLORENCE	JEFFERIES CK AT S-21-112 4.8 MI W OF FLORENCE	PD-256	REC	ECOLI	TMDL Approved 2016
1	JEFFERIES CREEK	PEEDEE	030402010903	FLORENCE	POLK SWAMP AT S-21-918 (OLD WALLACE RD) 5.75 MI ESE OF FLORENCE	RS-07205	REC	ECOLI	TMDL Approved 2016
2	REEDY RIVER BASIN-NUTRIENTS	SALUDA	030501090604	LAURENS	LAKE GREENWOOD; REEDY RVR ARM; 150 YDS US RABON CK	S-308	AL	CHLA*,TN***, PH*, TP*	

Appendix E: 2016-2022 Restoration Priorities

2	REEDY RIVER BASIN-NUTRIENTS	SALUDA	030501090602	LAURENS	BOYD MILL POND .6 KM W DAM	S-311	AL	PH*, TN***, TP*	pH standard attained; 2018 protection priority
1	SAVANNAH HARBOR	SAVANNAH	030601090307	JASPER	SAVANNAH RIVER APPROX 1.3 MI WNW OF THE MOUTH OF FIELDS CUT	RO-14357	AL	DO**	
1	SHELLFISH AREA 9B	SANTEE	030502010401	CHARLESTON	WANDO RIVER AT DEEP CREEK	09B-04	SHELLFISH	FC*	TMDL Approved 2017
1	SHELLFISH AREA 9B	SANTEE	030502010401	CHARLESTON	WANDO RIVER OPPOSITE BIG PARADISE ISLAND	09B-05	SHELLFISH	FC*	TMDL Approved 2017
1	SHELLFISH AREA 9B	SANTEE	030502010401	CHARLESTON	WANDO RIVER AT PARADISE BOAT LANDING	09B-06	SHELLFISH	FC	TMDL Approved 2017
1	SHELLFISH AREA 9B	SANTEE	030502010402	CHARLESTON	BOONE HALL CREEK OPPOSITE COUNTY RECREATION AREA	09B-07	SHELLFISH	FC	TMDL Approved 2017
1	SHELLFISH AREA 9B	SANTEE	030502010401	CHARLESTON	DEEP CREEK - 1 MILE FROM CONFLUENCE WITH WANDO RIVER	09B-09	SHELLFISH	FC	TMDL Approved 2017
1	SHELLFISH AREA 9B	SANTEE	030502010401	CHARLESTON	WANDO RIVER AT ALSTON CREEK CONFLUENCE	09B-10	SHELLFISH	FC	TMDL Approved 2017
1	SHELLFISH AREA 9B	SANTEE	030502010401	BERKELEY	GUERIN CREEK AT OLD HOUSE CREEK	09B-12	SHELLFISH	FC	TMDL Approved 2017
1	SHELLFISH AREA 9B	SANTEE	030502010402	CHARLESTON	RAT HALL CRK AT CONFLUENCE WITH WANDO RVR. (C6-97/U4/01)	09B-18	SHELLFISH	FC*	TMDL Approved 2017
1	SHELLFISH AREA 9B	SANTEE	030502010402	CHARLESTON	HORLBECK CREEK AT THE POWER LINE CROSSING	09B-21	SHELLFISH	FC*	TMDL Approved 2017
1	SPARROW SWAMP	PEEDEE	030402020408	FLORENCE	SPARROW SWAMP AT S-21-55 NR JOHNSONS CROSSROADS	PD-332	REC	ECOLI	TMDL Approved 2017
1	SPARROW SWAMP	PEEDEE	030402020406	FLORENCE	LAKE SWAMP AT S-21-38	PD-345	REC	ECOLI	TMDL Approved 2017
1	SPARROW SWAMP	PEEDEE	030402020406	FLORENCE	LAKE SWAMP AT S-21-106, SECOND BRIDGE W OF INTERSECTION WITH S-21-45, FIRST BRIDGE COMING E FROM S-21-83	RS-12084	REC	ECOLI	TMDL Approved 2017
2	SUGAR -MCALPINE CREEKS	CATAWBA	030501030109	LANCASTER	SUGAR CREEK AT S-46-36	CW-036	REC	ECOLI	
2	SUGAR -MCALPINE CREEKS	CATAWBA	030501030107	LANCASTER	MCALPINE CK AT S-29-64	CW-064	REC	ECOLI	
1	TURKEY CREEK	SAVANNAH	030601070201	EDGEFIELD	SLEEPY CREEK AT S-19-140	RS-08068	REC	ECOLI	TMDL Approved 2017
1	TURKEY CREEK	SAVANNAH	030601070208	EDGEFIELD	TURKEY CREEK AT S-33-227/S-19-68	SV-352	AL	ECOLI*	TMDL Approved 2017
2	CONGAREE-THREE RIVERS AREA	SALUDA	030501091402	LEXINGTON	12 MILE CREEK	CRK09	REC	ECOLI	
2	CONGAREE-THREE RIVERS AREA	SALUDA	030501091403	LEXINGTON	STOOPS CREEK	CRK08	REC	ECOLI	
2	CONGAREE-THREE RIVERS AREA	SALUDA	030501100301	RICHLAND	ROCKY BRANCH	CRK06	REC	ECOLI	
2	CONGAREE-THREE RIVERS AREA	SALUDA	030501091403	LEXINGTON	SALUDA RVR AT USGS GAGING STATION; 1/2 MI BELOW I-20	S-298	REC	ECOLI	
2	CONGAREE-THREE RIVERS AREA	SALUDA	030501100301	RICHLAND	BROAD RIVER DIVERSION CANAL AT COLA WATER PLANT	B-080	REC	ECOLI*	Standard attained; 2018 protection priority
2	CONGAREE-THREE RIVERS AREA	SALUDA	030501100104	LEXINGTON	CONGAREE CK AT S-32-66	C-070	REC	ECOLI	
2	CONGAREE-THREE RIVERS AREA	SALUDA	030501100301	LEXINGTON	CONGAREE RVR AT BLOSSOM ST (SALUDA RIVER)	CSB-001L	REC	ECOLI	
2	CONGAREE-THREE RIVERS AREA	SALUDA	030501100301	LEXINGTON	CONGAREE RVR AT BLOSSOM ST (BROAD RIVER)	CSB-001R	REC	ECOLI*	Standard attained; 2018 protection priority

Appendix E: 2016-2022 Restoration Priorities

3	LAKE EDGAR BROWN	SALKEHATCHIE	030502070103	BARNWELL	LAKE EDGAR BROWN IN FOREBAY NEAR DAM	CL-064	AL	CHLA	SCDNR managed lake; no base monitoring; priority 2 removed
3	LAKE EDGAR BROWN	SALKEHATCHIE	030502070103	BARNWELL	LAKE EDGAR BROWN 0.12 MI NE OF S-06-488 (WELLINGTON DR) 30 YARDS FROM EASTERN SHORE	RL-11120	AL	CHLA, NH3N, PH*	SCDNR managed lake; no base monitoring; priority 2 removed
3	LAKE EDGAR BROWN	SALKEHATCHIE	030502070103	BARNWELL	LAKE EDGAR BROWN APPROX 30 YDS OFF WEST DIKE OPPOSITE END OF TURNER ST	RL-13136	AL	CHLA	SCDNR managed lake; no base monitoring; priority 2 removed
3	LAKE EDWIN JOHNSON	BROAD	030501070402	SPARTANBURG	LAKE JOHNSON AT SPILLWAY AT S-42-359	CL-035	AL	CHLA, DO, PH, TP	SCDNR managed lake; no base monitoring; priority 2 removed
3	LAKE GEORGE WARREN	SALKEHATCHIE	030502080102	HAMPTON	LAKE WARREN, BLACK CK ARM, AT S-25-41 5 MI SW OF HAMPTON	CSTL-075	AL	CHLA, TP	SCDNR managed lake; no base monitoring; priority 2 removed
3	LAKE GEORGE WARREN	SALKEHATCHIE	030502080102	HAMPTON	LAKE GEORGE WARREN 0.2 MI W OF SPILLWAY NE CORNER OF LAKE CLOSER TO LAKE WARREN ST PARK SHORELINE	RL-03331	AL	CHLA, TN, TP, ZN	SCDNR managed lake; no base monitoring; priority 2 removed
3	LAKE GEORGE WARREN	SALKEHATCHIE	030502080102	HAMPTON	LAKE WARREN IN SMALL EMBAYMENT NEAR NW END OF S-25-41 BRIDGE	RL-07033	AL	CHLA	SCDNR managed lake; no base monitoring; priority 2 removed
3	LAKE GEORGE WARREN	SALKEHATCHIE	030502080102	HAMPTON	LAKE WARREN IN SMALL BAY ALONG N SHORE APPROX 0.4 MI W OF DAM OUTFLOW	RL-08049	AL	TP	SCDNR managed lake; no base monitoring; priority 2 removed
2	LAKE HARTWELL-18 MILE CREEK ARM	SAVANNAH	030601010602	ANDERSON	LAKE HARTWELL - EIGHTEEN MILE CK ARM AT S-04-1098	SV-268	AL	TN, PH*, TP	
3	LAKE JOHN D LONG	BROAD	030501060303	UNION	LAKE JOHN D. LONG IN FOREBAY NEAR DAM	B-344	AL	PH	SCDNR managed lake; no base monitoring; priority 2 removed
2	LAKE MURRAY-BUSH RIVER ARM	SALUDA	030501091206	NEWBERRY	LAKE MURRAY, BUSH RVR ARM, 4.6 KM US SC 391	S-309	AL	CHLA, PH, TP	
2	LAKE MURRAY-CLOUDS CREEK ARM	SALUDA	030501091003	SALUDA	LAKE MURRAY, CLOUDS CREEK ARM, APPROXIMATELY 0.2 MI NNW OF S-41-59 BRIDGE. SITE 10 YARDS OFF W BANK	RL-11033	AL	CHLA, PH	
2	LAKE MURRAY-CLOUDS CREEK ARM	SALUDA	030501091003	SALUDA	CLOUDS CK AT US 378	S-324	AL	DO*	Standard attained; 2018 protection priority
2	LAKE MURRAY-LITTLE SALUDA ARM	SALUDA	030501091105	SALUDA	LAKE MURRAY; LITTLE SALUDA ARM AT SC 391	S-222	AL	PH, TP*	
3	LAKE OLIPHANT	CATAWBA	030501030404	CHESTER	LAKE OLIPHANT, FOREBAY EQUIDISTANT FROM DAM AND SHORELINES	CL-021	AL	PH, TP	SCDNR managed lake; no base monitoring; priority 2 removed
3	LAKE PAUL WALLACE	PEEDEE	030402010506	MARLBORO	LAKE WALLACE EAST SHORE NEAR PICNIC AREA	RL-05398	AL	CHLA, TP	SCDNR managed lake; no base monitoring; priority 2 removed
3	LAKE PAUL WALLACE	PEEDEE	030402010506	MARLBORO	LAKE WALLACE 0.6 MILES NORTH OF THE SKI IMPOUNDMENT BOAT LANDING. SITE IS LOCATED ABOUT MID CHANNEL OF THE LAKE.	RL-09100	AL	CHLA, PH, TP	SCDNR managed lake; no base monitoring; priority 2 removed

Appendix E: 2016-2022 Restoration Priorities

2	CAMPING CREEK	SALUDA	030501091305	RICHLAND	CAMPING CK S-36-202 BLW GA PACIFIC	S-290	AL	PB	
2	GILLS CREEK	SALUDA	030501100203	RICHLAND	GILLS CK AT SC 48 -BLUFF ROAD	C-017	AL	PB	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090404	GREENVILLE	UNNAMED TRIB TO THE REEDY RIVER IN THE THE PRESERVE AT PLANTERS ROW S/D FROM S-23-448	RS-06167	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090402	GREENVILLE	RICHLAND CREEK AT SPARTANBURG STREET OFF STONE STREET -US 276- IN DOWNTOWN GREENVILLE	RS-14189	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090402	GREENVILLE	REEDY RVR AT S-23-30 3.9 MI SE GREENVILLE	S-013	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090404	GREENVILLE	REEDY RVR AT S-23-448 1.75 MI SE CONESTEE	S-018	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090604	LAURENS	REEDY RVR AT S-30-06 E WARE SHOALS	S-021	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090402	GREENVILLE	BRUSHY CK ON GREEN ST EXT BL DUNEAN MILL ON SC 20	S-067	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090602	LAURENS	REEDY RVR AT U.S. 76	S-070	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090404	GREENVILLE	REEDY RVR ON HWY 418 AT FORK SHOALS	S-072	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090401	GREENVILLE	REEDY RVR AT UN# RD OFF US 276 .75 MI W TRAVELERS REST	S-073	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090404	GREENVILLE	ROCKY CK AT S-23-453 3.5 MI SW OF SIMPSONVILLE	S-091	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090403	GREENVILLE	HUFF CK AT SC 418 1.6 MI NW FORK SHOALS	S-178	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090401	GREENVILLE	LANGSTON CK AT SC 253	S-264	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090402	GREENVILLE	REEDY RVR AT RIVERS ST, DOWNTOWN GREENVILLE	S-319	REC	ECOLI	
2	REEDY RIVER BASIN-BACTERIA	SALUDA	030501090404	GREENVILLE	REEDY RVR AT S-23-316 3.5 MI SSW OF MAULDIN	S-323	REC	ECOLI	
2	SHELLFISH AREA 15	SALKEHATCHIE	030502080503	BEAUFORT	CAPERS CR SSG AT PENN COMMUNITY SRVCS RETREAT CTR	15-20	SHELLFISH	FC	
2	SHELLFISH AREA 17	SALKEHATCHIE	030502080605	BEAUFORT	HABERSHAM CREEK ABOVE STATION #16, FIRST SPLIT	17-16A	SHELLFISH	FC	
2	SHELLFISH AREA 17	SALKEHATCHIE	030502080607	JASPER	HAZZARD CREEK AT CHELSEA PLANTATION CLUBHOUSE	17-18	SHELLFISH	FC	
2	SHELLFISH AREA 17	SALKEHATCHIE	030502080604	JASPER	EUHAW CREEK HEADWATERS ONE MILE ABOVE BOLIN HALL LANDING	17-23	SHELLFISH	FC	
2	SHELLFISH AREA 17	SALKEHATCHIE	030502080607	JASPER	HAZZARD CREEK AT SECOND RIGHT BEND ABOVE STATION #17 & 18	17-25	SHELLFISH	FC*	
1	SHEM CREEK	SANTEE	030502010707	CHARLESTON	SHEM CK AT BRDG ON US 17	MD-071	REC	ENTERO	TMDL Approved 2020

Appendix E: 2016-2022 Restoration Priorities

1	SHEM CREEK	SANTEE	030502010707	CHARLESTON	SHEM CREEK 1 - SOUTHWEST END OF FLOATING DOCK AT SHEM CREEK PARK	SC1	REC	ENTERO	TMDL Approved 2020
1	SHEM CREEK	SANTEE	030502010707	CHARLESTON	SHEM CREEK 2 - END OF DOCK AT SHEM CREEK PUBLIC BOAT LANDING	SC2	REC	ENTERO	TMDL Approved 2020
1	SHEM CREEK	SANTEE	030502010707	CHARLESTON	SHEM CREEK 3 - END OF SEA GULL DRIVE DOCK (PRIVATE ACCESS)	SC3	REC	ENTERO	TMDL Approved 2020
2	FOUR HOLE SWAMP	EDISTO	030502050105	ORANGEBURG	GOODBYS SWAMP AT US 176 6 M SW OF ELLOREE	RS-01036	REC	ECOLI	TMDL Approved 2020
2	FOUR HOLE SWAMP	EDISTO	030502050108	ORANGEBURG	MILL BRANCH AT S-38-36 BETWEEN I-26 AND S-38-492 WILL HAVE TO SAMPLE FROM THE DOWNSTREAM BANK.	RS-07213	REC	ECOLI	TMDL Approved 2020
2	FOUR HOLE SWAMP	EDISTO	030502050108	ORANGEBURG	UNNAMED TRIBUTARY TO FOUR HOLE SWAMP AT CO RD S-38-92 5.5 MI NE OF BOWMAN	RS-04537	REC	ECOLI	TMDL Approved 2020
2	FOUR HOLE SWAMP	EDISTO	030502050108	ORANGEBURG	FOUR HOLE SWAMP AT SC 210	E-111	REC	ECOLI	TMDL Approved 2020
2	FOUR HOLE SWAMP	EDISTO	030502050201	ORANGEBURG	SANDY RUN AT CEMENT BRIDGE ROAD OFF GROOMS STREET	E-115	REC	ECOLI	TMDL Approved 2019
2	FOUR HOLE SWAMP	EDISTO	030502050202	BERKELEY	DEAN SWAMP AT US 176	E-030	REC	ECOLI	TMDL Approved 2019
2	FOUR HOLE SWAMP	EDISTO	030502050311	DORCHESTER	4 HOLE SWP AT US 78 E OF DORCHESTER	E-100	REC	ECOLI	New priority area for 2018

*Site/parameter is not included on the 303(d) list but is targeted for additional protection.

**Site/pollutant is currently being addressed through the Savannah Harbor 5R restoration plan to be implemented in NPDES permits.

***Site/pollutant will be addressed through the Upper Reedy River Basin 5R restoration plan currently under development.

Appendix F: Data Solicitation June 27, 2017

South Carolina's 2018 Integrated Report is currently under development. This report will include the 2018 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 2018 303(d) list. Therefore, DHEC (The Department) 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. The Department is also directing this solicitation to other parties who have previously submitted water quality data for the aforementioned purpose.

Data should be submitted no later than **September 1, 2017** for consideration in the 2018 303(d) listing cycle. Data submitted after that time will be considered during the subsequent listing cycle. Note that 2018 303(d) listing cycle will consider relevant data from the 2012-2016 time-frame (five-year period).

More on the 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 Nydia Burdick with the DHEC Office of Environmental Laboratory Certification at Burdicnf@dhec.sc.gov 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.gov/environment/envserv/qaguidance.htm>

For the 2018 listing cycle, the relevant time-frame for data collection is 2012-2016. For consideration in development of the 303(d) list, data must be submitted electronically. The following format is DHEC-approved for the electronic submittal. See <http://www.scdhec.gov/environment/water/tmdl/docs/DATATemplate.xls> for a downloadable Excel file. Note that an organization ID should be obtained from Bryan Rabon at raboneb@dhec.sc.gov prior to data submittal.

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

Appendix G:

Public Notice
SCDHEC Website and Email List
November 5, 2018
Availability-South Carolina's Draft 2018 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.

In accordance with recent EPA guidance and beginning with the 2016 listing cycle, SCDHEC has been incorporating a new long-term vision, or strategy, in order to prioritize impaired locations for TMDL development or alternative restoration plans. The long-term vision is outlined in 2018 303(d) assessment methodology and included in the priority ranking for the 2018 303(d) list.

Public input is being solicited regarding the draft listing, methodology and restoration priorities. A copy of the draft list and methodology may be viewed at the SCDHEC Bureau of Water website at <https://www.scdhec.gov/environmental-public-notices>.

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. Please submit written comments to the attention of Matt Carswell. To be considered, comments regarding the draft list must be received by 5:00 PM on Wednesday, December 5, 2018.

Public Notice
Newspaper Ad
Publication Date November 6, 2018
Availability-South Carolina's Draft 2018 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 <https://www.scdhec.gov/environmental-public-notices>. 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. Please submit written comments to the attention of Matt Carswell. To be considered, comments regarding the draft list must be received by 5:00 PM on Wednesday, December 5, 2018.

**Second Public Notice (Addendum)
SCDHEC Website and Email List
January 27, 2020**

Addendum to The Draft 2018 State of South Carolina Integrated Report Part I (IR Part I)

Adjustments have been made to the draft 2018 303(d) list of impaired waters and associated appendices. Since the initial notice of availability November 5, 2018 – December 5, 2018, SCDHEC has determined that some of the 303(d) impaired waters and waters of concern (WOC) have changed. These changes are the result of an assessment of data using updated calculations for instream metals criteria. An addendum to the draft list is being made available for public comment for a period of thirty-one days, from January 27, 2020 – February 26, 2020. **The complete addendum is available here.**

Copies of the addendum 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. Please submit written comments regarding the addendum to the attention of Matt Carswell. To be considered, comments must be received no later than 5:00 PM on Wednesday, February 26, 2020.

Further, the Department has been preparing responses to all comments already received from the public. At this time, we are providing a technical document in response to a request received regarding Pb impairments and Pb WOC. Note that the technical document is part of the full responsiveness summary which will be provided to all commenters following the public notice for the addendum. The technical document is provided for information only and comments regarding the technical document are not being accepted at this time. **A copy of the technical document can be found here.**

**Second Public Notice (Addendum)
Newspaper Ad
Publication Date January 27, 2020**

Availability-Addendum to South Carolina's Draft 2018 303(d) List of Impaired Waters

The South Carolina Department of Health and Environmental Control (SCDHEC) is providing an addendum to its list of impaired waterbodies requiring TMDLs pursuant to Section 303(d) of the Federal Clean Water Act. The addendum includes changes to the initial draft 2018 list of waterbodies not meeting the State's ambient cadmium (Cd) and lead (Pb) water quality standards after application of existing required controls for point and nonpoint sources of pollution. The addendum also includes changes to the initial draft 2018 list of waters of concern (WOC) due to lead. The addendum is available for review and comment and may be viewed at the SCDHEC Bureau of Water website at <https://www.scdhec.gov/environmental-public-notices>.

Copies of the addendum 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. Please submit written comments regarding the addendum to the attention of Matt Carswell. To be considered, comments must be received no later than 5:00 PM on Wednesday, February 26, 2020.

January 27, 2020

Complete Addendum to The Draft 2018 State of South Carolina Integrated Report Part I (IR Part I)

The South Carolina Department of Health and Environmental Control (The Department or SCDHEC) has made adjustments to the draft 2018 303(d) list of impaired waterbodies requiring TMDLs pursuant to Section 303(d) of the Federal Clean Water Act. An initial draft of the list and associated appendices were made available for public comment from November 5, 2018 – December 5, 2018. 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 copy of the initial draft document can be found at the following link: https://www.scdhec.gov/sites/default/files/media/document/PN_IR_Part_I_2018.pdf

Since the initial notice of availability was issued in November 2018, SCDHEC has determined that some of the 303(d) impaired waters and waters of concern (WOC) due to lead (Pb) have changed. In addition, there have been some other sites included on the draft 303(d) list and the WOC due to cadmium (Cd). These changes are the result of an assessment of data using updated calculations for instream metals criteria. **Thus, the Department is soliciting public input regarding the changes made to the draft 2018 303(d) list due to Cd and Pb. The Department is providing a thirty-one day notice of availability limited to the changes outlined below.** Please submit written comments to the attention of Matt Carswell, Bureau of Water, SCDHEC, 2600 Bull Street, Columbia, South Carolina 29201 or, by email: carsweme@dhec.sc.gov. To be considered, comments regarding the addendum must be received no later than 5:00 PM on Wednesday, February 26, 2020.

Further, the Department has been preparing responses to all comments already received from the public. At this time, we are providing a technical document in response to a request received regarding Pb impairments and Pb WOC. Note that the technical document is part of the full responsiveness summary which will be provided to all commenters following the public notice for this addendum. **The technical document is provided for information only and comments regarding the technical document are not being requested at this time.** A copy of the technical document can be found at the following link: https://www.scdhec.gov/sites/default/files/media/document/final_Pb_report_w_annexes_jan_2020.pdf

Added to the draft 2018 303(d) list as impaired due to Pb:

BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE
BROAD	030501051402	SPARTANBURG	LAWSONS FORK CK AT S-42-108	BL-001	AL	PB

Removed from the draft 2018 303(d) list due to listing error:

BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE
PEEDEE	030402010602	CHESTERFIELD	CATTAIL BRANCH AT S-13-54 EVANS MILL ROAD	RS-16312	AL	PB

By adding a location and removing a location, the draft 2018 303(d) list continues to include a total number of 3 aquatic life impairments due to Pb. Sites S-290 and C-017 have been assigned a Priority Rank of “2”. Site BL-001 has been assigned a Priority Rank of “3” based on subsequent supporting data.

Added to Appendix B Waters of Concern (Not Impaired):

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE
BROAD	030501080206	NEWBERRY	ENOREE RVR AT SC 72; 121; AND US 176; 1 MI NE WHITMIRE	B-053	AL	PB
BROAD	030501050805	CHEROKEE	BUFFALO CK AT SC 5 1 MI W OF BLACKSBURG	B-057	AL	PB
SALUDA	030501090402	GREENVILLE	REEDY RVR AT RIVERS ST; DOWNTOWN GREENVILLE	S-319	AL	PB

By adding these locations, the total number of waters of concern due to water column Pb is 169.

Added to the draft 2018 303(d) list as impaired due to Cd:

BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE
BROAD	030501051301	SPARTANBURG	S PACOLET RVR AT S-42-866 1 MI SE CAMPOBELLO	B-302	AL	CD
BROAD	030501051302	SPARTANBURG	LAKE BOWEN 0.3 MI W OF SC 9	B-339	AL	CD
SALUDA	030501090102	GREENVILLE	N SALUDA RVR AT BRDG AB JCT WITH SALUDA RVR E OF SC 186	S-004	AL	CD
SALUDA	030501090604	LAURENS	REEDY RVR AT S-30-06 E WARE SHOALS	S-021	AL	CD
SALUDA	030501090204	GREENVILLE	SOUTH SALUDA RVR AT SC 186	S-299	AL	CD
SALUDA	030501090402	GREENVILLE	REEDY RVR AT RIVERS ST, DOWNTOWN GREENVILLE	S-319	AL	CD
SAVANNAH	030601030508	ABBEVILLE	MCKENLEY CREEK AT SC 72	RS-16306	AL	CD
SAVANNAH	030601010502	OCONEE	CONEROSS CK AT SC 59	SV-004	AL	CD
SAVANNAH	030601010702	ANDERSON	THREE AND TWENTY CREEK AT S-04-280	SV-111	AL	CD
SAVANNAH	030601010602	ANDERSON	EIGHTEENMILE CK AT 2-04-279	SV-233	AL	CD
SAVANNAH	030601020304	OCONEE	CHAUGA RIVER AT S-37-34	SV-344	AL	CD

By adding 11 locations, the draft 2018 303(d) list now includes a total number of 11 aquatic life impairments due to Cd. Each location has been assigned a Priority Rank of “3”.

Added to Appendix B Waters of Concern (Not Impaired):

BASIN	HUC_12	COUNTY	DESCRIPTION	STAT	USE	CAUSE
BROAD	30501070301	GREENVILLE	MUSH CK AT SC 253 BL TIGERVILLE	B-317	AL	CD
BROAD	30501060708	RICHLAND	FOOTBRIDGE OVER UPSTREAM GATES OF DRINKING WATER CANAL AT BROAD RIVER	B-834	AL	CD

By adding these locations, the total number of waters of concern due to water column Cd is 2.

These locations have been removed from the draft 2018 303(d) list due to impaired instream macroinvertebrate community (BIO) since Cd or Pb is being added as the identified pollutant at the same location. These BIO impairments have been delisted from an earlier listing cycle; therefore, the locations have also been added to Appendix C for the current listing cycle:

BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE
BROAD	30501051402	SPARTANBURG	LAWSONS FORK CK AT S-42-108	BL-001	AL	BIO
SALUDA	30501090102	GREENVILLE	N SALUDA RVR AT BRDG AB JCT WITH SALUDA RVR E OF SC 186	S-004	AL	BIO
SALUDA	30501090402	GREENVILLE	REEDY RVR AT RIVERS ST, DOWNTOWN GREENVILLE	S-319	AL	BIO

By removing these locations as impaired due to BIO, the draft 2018 303(d) list now includes a total number of 170 aquatic life impairments due to BIO.

Table 1 of the assessment methodology has been updated to include new summary numbers for BIO and metals:

Category	Total Impairments	Lakes	Streams	Estuaries	Shellfish Waters	Beaches
Bacteria	362	5	167	60	116	14
Nutrients, pH, DO	197	197				
Fish Tissue Hg and PCBs	190		190			
Macroinvertebrates	170		170			
Dissolved Oxygen	142		108	34		
Turbidity	92	13	16	63		
Metals	47	5	33	9		
pH	45		40	5		
Ammonia Toxicity	5	1	3	1		

Added to Appendix E 2016-2022 Restoration Priorities as Priority Rank of “2”:

PRIORITY RANK	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE
2	SALUDA	030501100203	RICHLAND	GILLS CK AT SC 48 - BLUFF ROAD	C-017	AL	PB
2	SALUDA	030501091305	NEWBERRY	CAMPING CK S-36-202 BLW GA PACIFIC	S-290	AL	PB

Appendix H: **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 every other month, quarter, or year, depending on the parameter. In addition, there are a number of locations monitored monthly for one year only. 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. Samples are collected and field measurements conducted following the most current revision of SCDHEC's Environmental Investigations Standard Operating Procedures and Quality Assurance Manual. All laboratory analyses are performed according to the most current revisions of SCDHEC's Procedures and Quality Control Manual for Chemistry Laboratories--Analytical Services and Laboratory Procedures Manual for Environmental Microbiology-- Analytical Services.

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 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 (2012 - 2016). 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 does not support of the criterion, unless excursions are due to natural conditions. Nonsupport of the appropriate criterion result in the location 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 (2014-2016), the location is listed as impaired for the pollutant of concern. The Department also used discretion, considering factors other than excursion magnitude and frequency, in order to determine the impairment status due to toxicants.

Total recoverable metals (TRM) criteria are also adjusted to account for solids partitioning in freshwater. Where instream TSS and hardness data are available, the Department pairs instream TSS and hardness values by date in order to calculate instream criteria for heavy metals. Calculations are specific for each metal and are based on the equations established to protect the State classified uses as promulgated in Regulation 61-68, Water Classifications & Standards. Instream TRM values measured at the same date as the TSS and hardness are then compared to the calculated acute and chronic criteria to determine if an exceedance of the standard has occurred.

An alternate approach may be used in situations where paired instream TSS or hardness data are not available. The method is consistent with guidance 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). http://water.epa.gov/scitech/swguidance/standards/criteria/current/upload/1999_11_10_criteria_metalsinterpret.pdf. Under the approach, a default TSS value of 1 mg/L is used in instances where there are no instream TSS data available. If the TRM criteria are hardness based, a default value of 25 mg/L is used for waters where there are no hardness data available. It is important to note that utilizing this alternate method to calculate instream criteria does not result in an immediate 303(d) impaired waters listing. Instead, waters found to be exceeding the instream TRM criterion more than once in a three period are considered to be a "Water of Concern" through the current listing cycle and until such time instream TSS and hardness data are available for assessment in the water 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 location is listed as impaired. For waters with contraventions of standards between 10% and 25%, further site specific evaluation, including but not limited to consideration of prior listings, 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 location 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 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 concentration of indicator bacteria present in a waterbody. For recreational use support determination, nonsupport of the appropriate criterion result in the location being listed as impaired for the pollutant of concern.

Freshwater - The adoption of *Escherichia coli* (*E. coli*), the current freshwater pathogen indicator as the recreational use water quality standard, also coincided with changes to the water quality monitoring strategy where sampling for fecal coliform (FC) bacteria in freshwaters was discontinued and sampling for *E. coli* has commenced. These changes have complicated the assessment of freshwater pathogen indicator data in the 2018 303(d) listing cycle.

For development of 2018 §303(d) list, any site determined to be impaired due to freshwater recreational use will be listed for *E. coli*. This includes sites where no pathogen indicator data are being assessed from the 2010-2014 time-frame but are being carried over as impaired from the 2016 303(d) listing cycle.

Routine *E. coli* data collection commenced statewide in 2013; therefore, only FC bacteria data exists for some of the active freshwater monitoring locations during the 2012-2016 time-frame. FC bacteria data from such locations will be assessed against the previous FC bacteria standard as described below.

In addition, there are a number of sites where both FC bacteria and *E. coli* data exist during the 2012-2016 time-frame. Attainment status for freshwater recreational use support is determined by evaluating data for both pathogen indicators against the relevant water quality standard as described below:

Where sufficient data are collected to evaluate against the geometric mean component of the previous FC bacteria or current *E. coli* standards, a percentage of criterion excursions greater than 10% indicates impairment of recreational use support and the location is included on the §303(d) list.

Where applicable, assessment results against the FC bacteria and *E. coli* geometric mean criteria will be evaluated independently to determine the overall attainment status. Locations determined to be impaired will be listed due to *E. coli*.

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 single sample maximum (SSM) criterion is necessary.

In absence of sufficient data for evaluation of the geometric mean as prescribed in R. 61-68, only evaluation against the previous FC bacteria or current *E. coli* SSM is considered. A percentage of criteria excursions greater than 10% indicates impairment of recreational use support and the location is included on the §303(d) list. Where applicable, assessment results against the FC bacteria and *E. coli* SSM criteria will be evaluated independently to determine the overall attainment status. Locations determined to be impaired will be listed due to *E. coli*.

Tidal Saltwater- South Carolina has removed FC bacteria as a primary contact recreational use standard in tidal saltwaters (Classes SA and SB) while maintaining the Enterococci recreational use standard. Removal of the FC bacteria pathogen indicator as a tidal saltwater recreational use water quality standard also coincided with changes to the water quality monitoring strategy where sampling for FC bacteria in tidal saltwaters was discontinued. These changes have complicated the assessment of tidal saltwater pathogen indicator data in the 2018 303(d) listing cycle.

For the 2018 §303(d) list, any site determined to be impaired due to tidal saltwater recreational use will be listed for Enterococci. This includes sites where no pathogen indicator data are assessed from the 2012-2016 time-frame but are being carried over as impaired from the 2016 303(d) listing cycle.

Monitoring locations may have either FC bacteria data or Enterococci during the 2012-2016 time-frame. FC bacteria data from such locations will be assessed against the previous FC bacteria standard as described below. Enterococci data will also be assessed against the current Enterococci water quality standard as described below.

There are also locations where both FC bacteria and Enterococci data exist during the 2012-2016 time-frame. For these locations, attainment status for tidal saltwater recreational use support is determined by evaluating data for both pathogen indicators against the relevant water quality standard as described below:

Where sufficient data are collected to evaluate against the geometric mean component of the previous FC bacteria or current Enterococci standards, a percentage of criterion excursions greater than 10% indicates impairment of recreational use support and the location is included on the §303(d) list. Where applicable, assessment results against the FC bacteria and Enterococci geometric mean criteria will be evaluated independently to determine the overall attainment status. Locations determined to be impaired will be listed due to Enterococci.

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 single sample maximum (SSM) criterion is necessary.

In absence of sufficient data for evaluation of the geometric mean as prescribed in R. 61-68, only evaluation against the previous FC bacteria or current Enterococci SSM is considered. A percentage of criteria excursions greater than 10% indicates impairment of recreational use support and the location is included on the §303(d) list. Where applicable, assessment results against the FC bacteria and Enterococci SSM criteria will be evaluated independently to determine the overall attainment status. Locations determined to be impaired will be listed due to Enterococci.

Beach advisories are issued for the period in which elevated Enterococci levels persist. Advisories may be cancelled once subsequent monitoring results demonstrate that the Enterococci standard is attained. Advisories and targeted sampling events for the purposes of cancelling advisories do not warrant listing for 303(d) purposes. Instead, an approach was developed in accordance with the USEPA guidance and South Carolina Regulations 61-68 (See <https://www.scdhec.gov/environment/pollution-types-advisories-monitoring/pollution-monitoring-services-and-advisorie/beach>).

Fish/Shellfish Consumption Use Support - Fish consumption use support is determined by the occurrence of advisories on human consumption for a given location. 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 FC bacteria levels and/or a classification which restricts shellfish harvesting in a designated harvesting area indicates nonsupport of uses and the location may be listed as impaired for the pollutant of concern. Note that the shellfish harvesting use should not be confused with the recreational use. For the 2018 §303(d) listing cycle, there may be FC bacteria listings due to impaired shellfish harvesting although there will be no FC bacteria listings due impaired recreational use.

Hydrologic Modification and other Pollution – There are situations where it is difficult to evaluate the overall use support of a waterbody solely by assessing available water quality data against applicable numeric and narrative water quality criteria. In such cases, other information may be used to evaluate whether designated uses for a waterbody are not being met due to hydrologic alteration or other forms of *pollution*. It is important to note that SCDHEC does not place waterbodies on the §303(d) list of impaired waters that are not meeting designated uses due to *pollution*. In accordance with the USEPA guidance, waters impaired due to *pollution*, such as hydrologic alteration, are identified for additional consideration. Waters identified in this subcategory of the IR are identified in Appendix A.

Appendix I: Responsiveness Summary

Initial Draft South Carolina 2018 303(d) List (November 18, 2018)

Comments were received from the following:

Anderson County Stormwater (ACS)

Coastal Conservation League (CCL)

Congaree Riverkeeper (CRK)

Greenville County (GC)

Lower Catawba River Basin Dischargers Group (LOWCARB)

Milliken and Company (MC)

Northbrook Carolina Hydro, LLC (NCH)

Richland County Stormwater (RCSW)

Savannah Riverkeeper (SRK)

South Carolina Environmental Law Project on behalf of Winyah Rivers Alliance and Waccamaw Riverkeepers (WRAWR)

South Carolina Rivers Forever (SCRF)

South Carolina Water Quality Association (SCWQA)

Town of Mount Pleasant (TOMP)

United States Environmental Protection Agency (USEPA)

Anderson County Stormwater (ACS)

“RL-16112 & RL-16120”:

ACS Comment 1:

“These two stations are in Broadway Lake and were sampled for one year in 2016. A sample size of only 12 samples gives you a margin of error of approximately 30%. More data than 12 samples is needed to draw meaningful conclusions, and should not be considered adequate for determining impairment status.”

ACS Response 1:

Lake Broadway site RL-16112 and RL-16120 are included on SC’s draft 2018 303(d) list due to CHLA and PH. Both of these locations are “random” locations and were sampled monthly in 2016 for one year only. In accordance with the federal Clean Water Act and 40 CFR §130.10(d)(6), SCDHEC is required to consider “all readily available data” for determining impairment status in waterways. The State does not establish a minimum sample size required for assessing these data. Instead, the Department will not list due to a single excursion of a physical/chemical water quality parameter. At each sampling location, the data demonstrated more than one excursion and greater than 10% exceedances of the applicable water quality standard. In fact, CHLA demonstrated greater than 25% exceedances of the standard. If these

locations are sampled again in the future, new data may be assessed in order to refute/uphold these listing decisions.

ACS Comment 2:

“Of the 170 pH samples taken on Broadway Lake only 4 exceed the 8.5 standard. If the lake is looked at holistically, then less than 2% of the samples exceed the standard. Why would SCDHEC run 2 RL stations for 1 year and not look at this data holistically with the other Broadway Lake data?”

ACS Response 2:

Excerpt from *The State of South Carolina Monitoring Strategy (2019)*: “There are currently two major components to Surface Water Physical & Chemical Monitoring, including ongoing fixed-location monitoring and statewide statistical survey monitoring; each designed to provide data for water quality assessment of major water resource types at different spatial and temporal scales. The fixed-location component of the monitoring network is comprised of Base Sites that are generally sampled once per month, year-round. Statistical Survey Monitoring Sites are typically sampled once per month for one year and moved from year to year.” Data from both types of sites described above are assessed for 303(d) purposes.

The Department typically evaluates data on a site by site basis; therefore, individual sites are listed where data demonstrate impairment. In some instances statewide, the Department has reviewed data differently where there are “base” ambient monitoring sites in close proximity to “statistical or random” monitoring locations. Those situations should allow for a comparison of a more complete five-year period of record (“base” site) in conjunction only one year of monthly data (“random” site). The overall assessment conclusion could be based on the site with a more complete period of record in the assessment window or by using a combined data set representative of both locations.

There are currently no active “base” ambient monitoring sites in Lake Broadway. For the 2018 303(d) assessment, only data collected at historic “random” locations were assessed against the applicable water quality standards. Those locations were sampled monthly in 2014 and 2016 for one year only. Two of the three “random” sites demonstrated impairment for aquatic life use parameters and were listed as two discreet locations in the same waterbody. Also note there was a “random” location established in 2018 and those data will also be considered for assessment in a future listing cycle.

RL-16112 and RL-16120 have been assigned a priority rank of “3” for future TMDL development. This means that TMDL development for these locations is not targeted until after 2022. TMDL development will address the waterbody as a whole and data from all ambient water quality monitoring sites will be considered for determining what loadings are allowable to meet the applicable water quality standards in Lake Broadway.

ACS Comment 3:

“2016 was the second driest year in the last 55 years (per GSP airport data)”

“Chlorophyll A is a result of biological activity and this activity is likely causing high DO and the resulting elevated pH. With this listing, as with the pH, the biggest issue is the small sample sets the listings are based on, and the fact that it was an extreme drought year.”

ACS Response 3:

Please see ACS Responses 1, 2.

Ambient water quality sampling occurs in a variety of climatic conditions including both wet and dry weather. The ambient monitoring program does not target specific conditions for routine sampling in the water column. All data collected under pre-approved Quality Assurance Project Plan are candidate data for 303(d)/305(b) assessment purposes.

The QAPP for SCDHEC's data collection is the State of South Carolina Monitoring Strategy which is updated annually. The Monitoring Strategy for 2018 is available at <https://www.scdhec.gov/sites/default/files/docs/HomeAndEnvironment/Docs/Strategy.pdf>.

Monitoring Strategies for past years are not maintained on the SCDHEC website. For this assessment cycle the relevant Monitoring Strategies are 2012, 2013, 2014, 2015 and 2016. These strategies are available upon request to the Department.

“RS-16338”:

ACS Comment 4:

“This station was sampled for one year in 2016. More data than 12 samples is needed to draw meaningful conclusions, and should not be considered adequate for determining impairment status.”

ACS Response 4:

Please see ACS Responses 1, 2.

“RS-15281”:

ACS Comment 5:

“This station was sampled for one year in 2015. More data than 12 samples is needed to draw meaningful conclusions, and should not be considered adequate for determining impairment status.”

ACS Response 5:

Please see ACS Responses 1, 2.

Coastal Conservation League (CCL)

CCL Comment 1:

“However, we are concerned about the number of waterways listed as Waters of Concern for lead impairment. The appearance of these waters on the list is sudden and unexpected and the source(s) of contamination are unknown.”

“To our knowledge, no data exist to determine whether industry, paint or mining may significantly contribute to the presence of lead in these waterways; we encourage the agency to consider a study of these and other potential sources of lead contamination.”

Response 1:

A technical document has been developed in response to most comments regarding lead (Pb). Please see *A Review of Lead in Surface Waters*. SCDHEC Technical Document 003-2020. Available at: https://www.scdhec.gov/sites/default/files/media/document/final_Pb_report_w_annexes_jan_2020.pdf

Also note that waters of concern (WOC) are not confirmed aquatic life impairments due to Pb. Confirmed Aquatic life impairments due to Pb are prioritized for TMDL development. At the time of TMDL development, a source characterization of potential sources of Pb will be conducted and included in the TMDL document.

CCL Comment 2:

“It also appears that lead contamination data was not released to the public even though DHEC was in possession of information indicating that some sites were contaminated, for a period of 10 years. DHEC indicates that the results of these tests were held until further tests could be done, confirming the initial results. This failure to adequately communicate with the public will raise concerns, but if the final release of the 303(d) list is communicated properly and with transparency, citizens should feel safe drinking from our local waterways, knowing there is a plan to identify sources and address the problem. To that end, we highly encourage DHEC to address these findings with transparency, keeping the public informed consistently moving forward.”

Response 2:

Please see CCL Response 1.

Congaree Riverkeeper (CRK)

CRK Comment 1:

“TMDL site RS-13124 (BRIDGE OVER LITTLE RIVER AT S-20-22 -OLD DOUGLASS ROAD) is listed as being in Greenville County. It should be listed as Fairfield County.”

CRK Response 1:

Appendix D; Page D-5: The county name for site RS-13124 has been changed from Greenville County to Fairfield County prior to finalization of the IR Part I.

CRK Comment 2:

“It appears TMDL site RS-09323 (LIGHTWOOD KNOT BRANCH AT TRENHOLM RD EXTENSION) is listed twice for fecal coliform.”

CRK Response 2:

Appendix D; Page D16: RS-09323 (LIGHTWOOD KNOT BRANCH AT TRENHOLM RD EXTENSION) is included twice in the TMDL site list due to FC bacteria. One of the records has been changed to DO so there is one record for FC bacteria and one record for DO prior to finalization of the IR Part I.

CRK Comment 3:

“Unlike past lists, the 2018 303(d) list does not include a use support determination for the sites within an approved TMDL. What was the rationale for removing this information? Also, if DHEC decides to include this information again in future lists, it should also include the last year the site was sampled.”

CRK Response 3:

The inclusion of a use support attainment column within Appendix D: *SC Waters With an Approved TMDL* has created confusion in the past and it has been removed from the IR package. This information is used by other stakeholders who have NPDES MS4 permits or are applying for coverage under the Industrial stormwater general permit (IGP). Because Appendix D is only a snapshot of TMDLs and use support attainment at the time of developing the IR package, the information may not be complete or dated for the purposes of MS4 permitting or applying for coverage under the IGP.

Instead for the public at large, the Department has and will continue to maintain the most comprehensive list of TMDLs and the use attainment status at the following link: https://scdhec.gov/sites/default/files/docs/HomeAndEnvironment/Docs/tmdl_08sites.pdf.

“This year’s list includes 3 sites that are listed as impaired for aquatic life use because of lead, and an additional 166 sites that are listed as “waters of concern” for aquatic life because of lead.”:

CRK Comment 4:

“What are the sources of this lead? DHEC should conduct a special study to identify the sources of this lead in an effort to better understand this issue and work to address it.”

CRK Response 4:

A technical document has been developed in response to most comments regarding lead (Pb). Please see *A Review of Lead in Surface Waters*. SCDHEC Technical Document 003-2020. Available at: https://www.scdhec.gov/sites/default/files/media/document/final_Pb_report_w_annexes_jan_2020.pdf

Also note that waters of concern (WOC) are not confirmed aquatic life impairments due to Pb. Confirmed Aquatic life impairments due to Pb are prioritized for TMDL development. At the time of TMDL development, a source characterization of potential sources of Pb will be conducted and included in the TMDL document.

CRK Comment 5:

“While DHEC staff have stated that they do not believe there are any public health concerns related to the listing of sites as impaired, or waters of concern, because of lead, the agency has not provided information supporting that claim to the general public. If the agency feels there is truly no threat to public health from this lead they should make their case to the public and provide any and all supporting data and information used to make that conclusion.”

CRK Response 5:

Please see CRK Response 4.

CRK Comment 6:

“Since some of that data that was used in the listing of the waters of concern goes back nearly a decade, why were these sites listed just this year and not sooner? Can DHEC provide a timeline of when data was collected, issues identified, and listing decisions were made?”

CRK Response 6:

Please see CRK Response 4.

CRK Comment 7:

"In August of 2017 South Carolina Rivers Forever and other organizations submitted five river segments to be considered for listing as impaired for hydrologic alteration. DHEC chose to list only one of those river segments, the Upper Saluda River."

Can you provide a rationale for why the other four river segments submitted were not listed?"

CRK Response 7:

In the period leading up to the preparation of the 2018 303(d) List of Impaired Waters (303(d) List), the Department received requests from several conservation groups to place waters under Category 4C in our Integrated Report. These waters included the Santee River below Lake Marion Dam, the Broad River near Lockhart Dam, the South Fork of the Edisto, the Upper Reedy River and the Saluda River downstream of Saluda Dam.

After reviewing the information provided, the Department made the decision to place only the Saluda River downstream of the Saluda Dam under Category 4C. A brief rationale for not moving forward with the four other waters is provided below.

Santee River below Lake Marion Dam

SC Rivers Forever requested that the 87 mile stretch of the Santee River that flows through Clarendon, Williamsburg, Berkeley, Charleston and Georgetown Counties be listed under Category 4C. The group stated that aquatic life and recreational uses in the Santee River are impaired due to hydrologic alterations from the combined operations of the Lake Marion Dam (Wilson Dam) and the Cooper River Rediversion Project. They provided studies to support the argument that 500 cfs minimum flows from the Lake Marion Dam (Wilson Dam) are not adequate and have caused a loss in the extent of the floodplain and impaired aquatic life.

Wilson Dam is a FERC regulated hydroelectric facility and the relicensing process is ongoing. The Department believes that discussions related to flows are most appropriately addressed through the FERC relicensing process.

Broad River near Lockhart

SC Rivers Forever requested that the 1.5 mile stretch of the Broad River below Lockhart Dam in Union and Chester Counties be listed under Category 4C as impaired due to hydrologic alteration and lack of flow. Lockhart Hydro project was built in 1920. The project diverts the majority of the flow from the Broad River into the Lockhart Canal for hydropower production and, as a result, approximately 1.5 miles of the Broad River (the bypass reach) receives very little flow.

As with the case with the Lake Marion Dam above, the Department believes that discussions related to flows are most appropriately addressed through the FERC relicensing process.

South Fork of the Edisto

SC Rivers Forever requested that the South Fork of the Edisto River in Aiken, Barnwell, Bamberg, and Orangeburg counties be listed under Category 4C. They argue that the water is hydrologically impaired and has been severely impacted by excessive water withdrawals. The group notes that studies have found significant declines in 7Q10 flows at the USGS river gage in Denmark. They also note that the Edisto River has the highest number of withdrawal registrations and intakes and the highest maximum monthly allowable withdrawals in the state and provided statements and photographs from river users attesting to rapid decreases in flow.

There are four long-term and one recently installed USGS gages on the South and North Fork Edisto rivers. Staff reviewed the USGS data and did not find evidence to support the assertion that the South Fork has been severely impacted by excessive water withdrawals causing precipitous drops in flow. The investigation of short-interval flow and change in flow in the South Fork near Denmark and Springfield did not reveal any instances of rapid decreases in flow that could be associated with intense agriculture withdrawals. Further, 7Q10 flows throughout the state have been in similar decline apparently due to climatic factors. Thus, the Department does not support placing this water under Category 4C.

Upper Reedy River in Greenville County

Several conservation groups requested that an 8.2 mile section of the Reedy River in Greenville County as it runs through downtown Greenville to be placed under category 4C. The primary support for the request consisted of hydrographs showing that the system is very flashy with short lag times to peak flows which result in hydrologic alterations of the natural system.

This portion of the Reedy shows many characteristics of an urban stream. It is a flashy system and as noted in the request has short lag times to peak flows. However, these characteristics are shared by most urban stream, but unlike most urban stream, there is an active coalition (Reedy River Water Quality Group) of which DHEC is a member who are working on water quality improvements to the Reedy. The Department believes that working through this local coalition is a better way to affect water quality improvements in the Reedy River than placing the water under Category 4C.

CRK Comment 8:

“We request that DHEC list the 4 additional river segments that were submitted under IR Category 4C.”

CRK Response 8:

Please see CRK Response 7.

Greenville County (GC)

GC Comment 1:

“Appendix A designates a 14 mile section of the Saluda River below the Saluda Lake Dam to the headwaters of Piedmont Lake in Category 4C for hydrologic impairment. The stated cause of this impairment is operation of the Saluda Lake Dam.

Greenville County disagrees with this designation under Category 4C. Category 4C is not referenced in the Clean Water Act Statute nor is it referenced in the regulation 40 CFR 130.7 (for TMDLs) or 40 CFR 131 for Water Quality Standards (WQS).”

GC Response 1:

A discussion on the authority to address hydrologic alteration under the statutory provisions of the Clean Water Act is provided in the *Final EPA-USGS Technical Report: Protecting Aquatic Life from Effects of Hydrologic Alteration*; U.S. Geological Survey Scientific Investigations Report 2016-5164, U.S. Environmental Protection Agency EPA Report 822-R-156-007, 156 p. (See Appendix A, page 119). In that document, EPA clarified, “[w]aters are classified and states report on their condition to support use attainment decisions under Sections 303(d) and 305(b). States use their monitoring and assessment programs to identify and report to the public those waters that have impairments from pollution, defined under the CWA as “the man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water” (Section 502(19)), including the effects of altered flow regimes or hydromodification (U.S. Environmental Protection Agency, 1997, 2003, 2005, 2016). Attainment of designated uses is evaluated through monitoring and assessment of indicators that reflect state WQS, including narrative or numeric criteria, or evaluating other data or information (U.S. Environmental Protection Agency, 1991).” Additional statutory and regulatory language can be found in Section 305(b) of the Clean Water Act and 40 CFR 130.8.

GC Comment 2:

“The CWA defines “pollution” as “the man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water.” (CWA Section 502 and 33 U.S.C. Section 1362(19)). Thus while “physical” impairment is not a “pollutant” it could be part of the definition of “pollution” and presumably could also include “hydrologic impairment” to be encompassed within the definition of “pollution.” However, when given the opportunity to amend the 40 CFR 131 regulation in 2015, the EPA included in the preface to the regulation, “Since 1983, however, diverse and complex challenges have arisen, including new types of contaminants, pollution stemming from multiple sources, extreme weather events, **hydrologic alteration**, and climate change-related impacts. These challenges necessitate a more effective, flexible and practicable approach for the implementation of WQS and protecting water quality” (80 FR 51021), but did not include any reference to “hydrologic alteration” in the revised regulation itself.

Therefore, Greenville County requests that this section of the Saluda not be listed in Category 4C.:

GC Response 2:

Please see NCH Response 1.

Lower Catawba River Basin Dischargers Group (LOWCARB)

“The Group requests SCDHEC revise the 2018 303(d) list to mark the water quality improvements that have occurred in the Lower Catawba reservoirs. Specifically, there are several random sampling sites listed as impaired on the draft 2018 303(d) list that (1) not been sampled in as much as 17 years, (2) are nearby sites that were sampled in the 2012 through 2016 assessment period, and (3) are not currently impaired based on an assessment of the 2012 through 2016 data from the nearby sites.”

“Fishing Creek Reservoir Site RL-01012”:

LOWCARB Comment 1:

“Reservoir should be based on long-term data collected at the adjacent monitoring sites during the 2012-2016 assessment period and not based on data from 2001. Accordingly, RL-01012 should be removed from the list of impaired waters and Appendix E restoration priorities for chlorophyll *a*.”

LOWCARB Response 1:

In general, the Department does not use data from different locations and different years to remove sites from the 303(d) List. Targeted monitoring data, modeling and TMDL development are preferred to ensure potential spatial and temporal variability are fully accounted for. In this case, there are no long-term data adjacent to historic site RL-01012. RL-15023 could be considered adjacent to RL-01012, but it was only sampled in 2015. Notably, RL-15023 was also in very shallow water over a central bar while RL-01012 was in the deeper channel on the west side of the reservoir. RL-13072 and RL-17071 are in the same upper lake area as RL-01012, but they are also one-year random sites. There are two long-term sites in the reservoir, CW-016F in the lake headwater and CW-057 near the dam.

In this case, there is a substantial weight of evidence supporting removal of the CHLA impairment at RL-01012. As noted, RL-01012 reflects conditions before upstream wastewater load reductions significantly lowered phosphorus levels in the reservoir, which could explain a decline in CHLA levels since 2001. Thus, RL-01012 data probably do not represent current conditions. Also, as suggested, four sites (CW-016F, RL-13072, RL-15023, and CW-057) had 2012-2016 data and were assessed for the 2018 303(d) List; none demonstrated impairment for CHLA and only one of 31 total samples exceeded the existing criterion of 40 ug/L. Further, during the 2017-2019 time-frame, an additional 145 regulatory samples were collected at six sites in the reservoir by DHEC BOW, DHEC District Offices, and NCASI under an approved QAPP. The sites included LCR-01 near the historic RL-01012 location in the upper lake area. Only 5 samples exceeded the standard, all in the lower lake area. Finally, during the same time-frame, an additional 165 non-regulatory total CHLA samples from seven sites, including LCR-01, were analyzed by NCASI and USC labs (USC used a different analytical method). Only 2 samples exceeded the SSM 40 ug/L standard, both in the lower lake area.

On this basis, the CHLA impairment at RL-01012 will be removed from the draft 2018 303(d) List and Appendix E restoration priorities, as requested. The site/pollutant will also be added to Appendix C, as a site delisted from the final 2016 303(d) list due and not included on the 2018 303(d) list due to standard attainment for CHLA.

“Lake Wateree Sites RL-03336 and RL-09099”:

LOWCARB Comment 2:

“Site RL-10008 was sampled 12 times in 2010 and showed no total phosphorus impairment. Site RL-14155 was sampled in 10 times in 2014 and showed no phosphorus impairment. Listing decisions and restoration priorities for this portion of Lake Wateree should be based on more recent data collected at the adjacent monitoring sites including during the 2012-2016 assessment period and not based on data from 2003 and 2009. Accordingly, Lake Wateree Sites RL-03336 and RL-09099 should be removed from the list of impaired waters and Appendix E restoration priorities for total phosphorus.”

LOWCARB Response 2:

Lake Wateree exhibits spatial and temporal variation of total phosphorus (TP) levels. Sites throughout the lower Catawba system are impaired for TP, including Lake Wateree. It should be noted RL-09099 represents conditions 3 years after the upstream wastewater load reductions, so there is no clear cause and effect that might explain why 2009 exceeded the 0.06 mg/L TP standard and 2010 did not. Since these are all one-year random (probabilistic) sites, it is difficult to rule out simple year-to-year variation. It should also be noted that RL-10008 is included on the 303(d) list due to pH, which might indicate an adverse response to phosphorus even though TP exceedances were not observed at the time.

Additional data collection, assessment, modeling, site-specific nutrient criteria development, and TMDL development are ongoing, in collaboration with the LOWCARB group. The Department believes it is premature to use data from different locations and different years for delisting decisions regarding TP in the lower Catawba lakes. We acknowledge the comment raises a valid question, but we believe ongoing studies will provide the definitive answer.

For these reasons, the TP impairments at RL-03336 and RL-09099 will remain on the 2018 303(d) List and Appendix E restoration priorities.

“Lake Wateree Site RL-02314”:**LOWCARB Comment 3:**

“The Lake Wateree site RL-02314 is a random sampling station with no data collection since 2002. Site RL- 02314 is listed on the draft 2018 303(d) list as impaired for total phosphorus. Site SW-207 is located approximately one mile from RL-02314 in a similar portion of the lake. Site CW-207 was sampled the entire assessment period 2012 through 2016 and the data show no total phosphorus or chlorophyll a impairments. Further, CW-207 was delisted for chlorophyll a impairment on the draft 2018 303(d) due to standard attainment. Listing decisions and restoration priorities for this portion of Lake Wateree should be based on long-term data collected at the adjacent monitoring site during the 2012-2016 assessment period and not based on data from 2002. Accordingly, RL-02314 should be removed from the list of impaired waters and Appendix E restoration priorities for total phosphorus.”

LOWCARB Response 3:

Lake Wateree exhibits spatial and temporal variation in TP levels. Sites throughout the lower Catawba system are impaired for TP, including Lake Wateree. It should be noted CW-207 is on the other side of the lake almost a mile away from RL-02314.

Additional data collection, assessment, modeling, site-specific nutrient criteria development, and TMDL development are ongoing, in collaboration with the LOWCARB group. The Department believes is premature to use data from different locations and different years for delisting decisions regarding phosphorus in the lower Catawba lakes. We acknowledge the comment raises a valid question, but we believe ongoing studies will provide the definitive answer.

For these reasons, the TP impairment at RL-02314 will remain on the 2018 303(d) List and Appendix E restoration priorities.

Milliken and Company (MC)

“Milliken and Company (Milliken) is in receipt of South Carolina’s draft 2018 303(d) list of impaired waters, and we provide the following comments. The comments are specific to the impairment list for Station SV-268 for total phosphorus, total nitrogen and turbidity.”

MC Comment 1:

“Both WEC and DHEC agreed after reviewing the location of the site and the lake water level data that while the SV-268 monitoring site is within the “full pool” area of the lake, it is not representative of lake conditions most of the time. The sampling is typically in only about one foot of water depth, and the lake pool elevation is below the sampling site elevation a majority of the time. Therefore, the site is representative of stream conditions most of the time. The monitoring data also indicate that nutrients are not causing excessive chlorophyll-a concentrations. During those discussions, the Department mentioned the possibility of adding an additional monitoring station downstream in a deeper part of the lake to see if that branch of Lake Hartwell is truly impaired.”

MC Response 1:

The department has reviewed the available information regarding site SV-268 LAKE HARTWELL - EIGHTEEN MILE CK ARM AT S-04-1098 and concurs that the location may be representative of stream conditions more often than lake conditions. This location has been included on the 303(d) list for aquatic life use support due to TN, TP and Turbidity since 2010. TP and Turbidity were included on the list prior to 2010 as well. The location is not currently impaired for aquatic life use due to Chlorophyll-a (CHLA).

Site SV-374 LAKE HARTWELL - EIGHTEEN MILE CK ARM APPROX 227 YARDS SW OF 18 MILE CREEK BOAT LANDING was established and became active for water quality monitoring in 2019. The Department believes this location to be representative of lake conditions in the Eighteen Mile Creek arm of Lake Hartwell. Once sufficient nutrient and CHLA data have been collected at this location, the data will be assessed against the appropriate criteria for aquatic life support. Water quality data collected at site SV-268 and assessment of this site using stream or lake criteria will be reviewed at that time.

Until such time that sufficient water quality data are collected at site SV-374 and assessed for 303(d) purposes, site SV-268 will be treated the same as previous listing cycles and assessed against the relevant numeric nutrient and CHLA criteria as a “lake” site. During the 2018 listing cycle, site SV-268 will remain on the 303(d) list for aquatic life use due to TN, TP and Turbidity.

MC Comment 2:

Because the SV-268 monitoring station is best characterized as a stream location, the lake water quality criterion for total phosphorus and total nitrogen are not applicable. Good cause for delisting of waters from the 2016 §303(d) list includes when the listing analysis conducted for the 2016 §303(d) list contained errors.

MC Response 2:

Please see MC Response 1.

Northbrook Carolina Hydro, LLC (NCH)

“Appendix A of the South Carolina’s Draft 2018 303(d) List of Impaired Waters (“Draft 303(d) List”) designates a 14-mile section of the Upper Saluda River (“14USR”), downstream of the Saluda Lake Dam to the headwaters of Piedmont Lake, as hydrologically impaired by pollution not caused by a pollutant. DHEC listed the 14USR under the South Carolina 2018 Integrated Report (“IR”) as IR Category 4C. The stated basis for this listing is hydrologic alterations caused by the operation of the Saluda Lake Dam.

Northbrook disagrees with this designation under Category 4C and requests that the SC Department of Health and Environmental Control (“DHEC”) remove the 4C designation of this 14-mile section of the Saluda River because it was listed in error.”

NCH Comment 1:

“The Clean Water Act (“CWA”) defines “pollution” as “the man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water.” (CWA Section 502 and 33 U.S.C. Section 1362(19)). Thus while “physical” impairment is not a “pollutant,” it can be part of the definition of “pollution” and thus, presumably “hydrologic impairment” could be encompassed within the definition of “pollution,” as a subset of “physical.” However, when given the opportunity to amend the applicable 40 CFR 131 regulation in 2015 and include hydrologic impairment, the United States Environmental Protection Agency (“EPA”) failed to do so. The EPA stated in the preface to the regulation, “Since 1983, however, diverse and complex challenges have arisen, including new types of contaminants, pollution stemming from multiple sources, extreme weather events, **hydrologic alteration** [emphasis added], and climate change-related impacts. These challenges necessitate a more effective, flexible and practicable approach for the implementation of WQS and protecting water quality.” The EPA did not include any reference to “hydrologic alteration” in the revised regulation itself.¹

The Preface provides background information, but is not part of the rule itself. In the revised regulation per se, there is no mention at all of the words hydrology or hydrologic, nor any reference to flow conditions. Thus, there was no authority created by the 2015 regulation for the EPA to list a water body as impaired due to hydrology or hydrologic alteration.

The EPA issued a Memorandum in August 13, 2015 to provide guidance to states to assist in preparation of their Integrated Report on water quality (referred here as the “EPA IR Memo”).² Although this EPA IR Memo does create Category 4C, the EPA explicitly states that, “The Vision, as supplemented by this document, is not a rule or regulation. It does not impose any binding legal requirements on EPA, the States, or other stakeholders, and it does not alter CWA 303(d) regulatory obligations to identify impaired or threatened waters and to develop TMDLs for such waters.”

The above referenced revised regulation and EPA IR Memo do not provide specific regulatory authority for EPA or DHEC to create the Category 4C. “

NCH Response 1:

A discussion on the authority to address hydrologic alteration under the statutory provisions of the Clean Water Act is provided in the *Final EPA-USGS Technical Report: Protecting Aquatic Life from Effects*

of Hydrologic Alteration; U.S. Geological Survey Scientific Investigations Report 2016-5164, U.S. Environmental Protection Agency EPA Report 822-R-156-007, 156 p. (See Appendix A, page 119). In that document, EPA clarified, “[w]aters are classified and states report on their condition to support use attainment decisions under Sections 303(d) and 305(b). States use their monitoring and assessment programs to identify and report to the public those waters that have impairments from pollution, defined under the CWA as “the man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water” (Section 502(19)), including the effects of altered flow regimes or hydromodification (U.S. Environmental Protection Agency, 1997, 2003, 2005, 2016). Attainment of designated uses is evaluated through monitoring and assessment of indicators that reflect state WQS, including narrative or numeric criteria, or evaluating other data or information (U.S. Environmental Protection Agency, 1991).” Additional statutory and regulatory language can be found in Section 305(b) of the Clean Water Act and 40 CFR 130.8.

NCH Comment 2:

“Additionally, the regulation and EPA IR Memo do not provide any quantifiable parameters to determine the point at which hydrologic alteration of a water body can be classified as pollution not caused by a pollutant. The EPA IR Memo appears to say that if one can clearly attribute loss or degradation of aquatic life or other uses of the water body to alteration of natural flow conditions of the water body, then classification of a water body as a Category 4C, may be appropriate. Assuming for the sake of argument, that it were appropriate to create Category 4C, it is not the case here that any loss or degradation of aquatic life can be clearly attributed to alteration of natural flow conditions. In fact, there is no evidence of WQS impairment in the 14USR because of fluctuations in flow.”

NCH Response 2:

SCDHEC and the USEPA argue that it is possible to determine that a water body is hydrologically impaired without the assessment of numeric and/or narrative criteria. If water levels are too low to conduct aquatic life or fish community assessments, as has been reported by SCDNR, then these kinds of assessments are not even possible. In this case, water levels inadequate to complete the study serve as direct evidence of a physical impact to designated uses of the river. Visual assessments and evidence of flow alteration via USGS gauges, as used in this case, may be relied on to document the impairment. (see https://www.epa.gov/sites/production/files/2015-10/documents/2016-ir-memo-and-cover-memo-8_13_2015.pdf)

NCH Comment 3:

“The South Carolina Rivers Forever (“SCRF”) submitted a petition (the “Petition”) to DHEC to designate the 14USR as 4C. This Petition is the only basis DHEC notes for listing the 14USR as 4C. In their Petition, the SCRF contends that, “aquatic life and recreational uses in this stretch of the Saluda River have been impaired due to hydrologic alterations caused by the operation of the Saluda Lake Dam.” This contention appears to be in error.

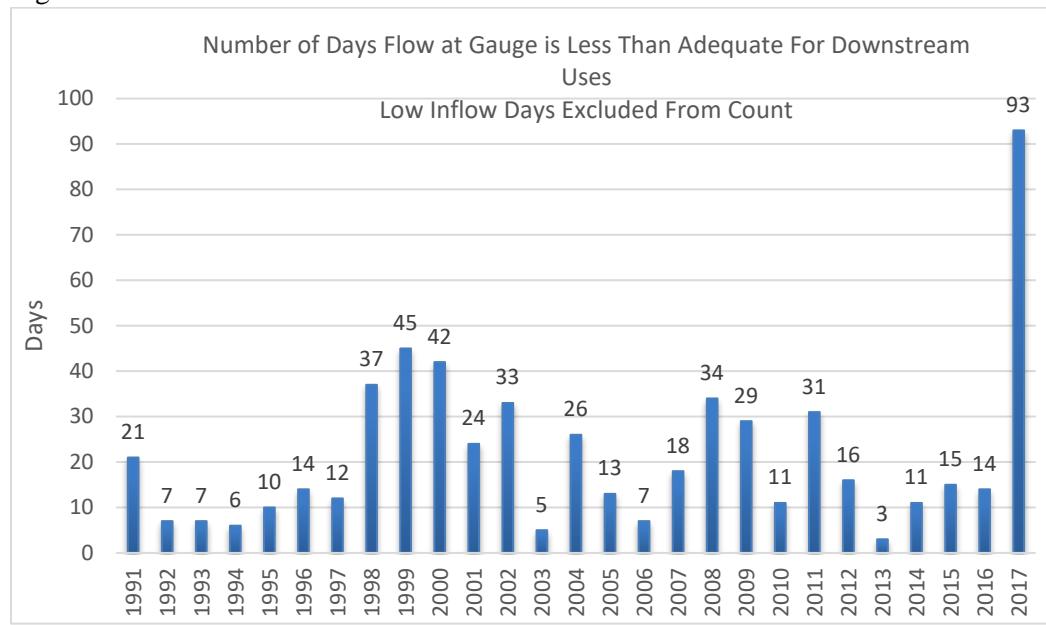
Based on the Aquatic Life Use Support section of DHEC’s IR, the water quality parameters that are considered for aquatic life impairment are not listed in the Draft 303(d) for the 14USR. There is also no specific listing of aquatic life being impaired in the 14URS. Thus, there is no basis within the Draft 303(d) document that supports listing of hydrologic impairment of aquatic life in the 14URS.”

NCH Response 3:

The petition is not the only basis for the listing. Additional evidence follows:

- 1) In a letter of support from SC Department of Natural Resources (SCDNR), they state that oscillations in flow in this reach affect their ability to conduct fish studies.
- 2) A fish study conducted by SCDNR at Dolly Cooper Park showed possible evidence of decreased fish diversity and assemblage structure.
- 3) In addition, they (SCDNR) state that downstream hydropower projects have had trouble tracking incoming flow making it difficult to maintain their outflow requirements. As a result, the FERC-regulated Pelzer hydro has had outflow-requirement violations.
- 4) SCDHEC has had to consider the frequent flow fluctuations in determining permit limits for a facility that discharges to this reach of the river. Instead of using 7Q10 flow, it is necessary to use 1Q10, resulting in tighter effluent limits for this facility.
- 5) Analysis of flow data demonstrates that hydrological impairment exists. USGS gauge 02162500 is in the Saluda River approximately 1.5 miles downstream of the dam. There are no withdrawals or discharges between it and the dam. Flow in the river fell below the minimum percent necessary to support aquatic life and recreation 93 days during 2017 (Figure 1.). In an attempt to remove the effect of drought, this analysis considered (and removed) days that low outflow may have been due to low flow into Saluda Lake. Therefore, the 93 days of low flow were due to dam operation.

Figure 1.



Water chemistry parameters that are monitored and assessed for aquatic life use support for the 303(d) List are all indirect measures. For these parameters, exceedances of established criteria are considered

evidence of aquatic life impairment; however, the fact that all monitored chemical parameters are meeting standards at this site does not preclude aquatic life impairment due to other factors, such as altered flow.

NCH Comment 4:

“Likewise, there is information published by Paddle SC, of which several SCRF members are also Paddle SC sponsors and partners, that recreation is well supported in the 14URS. The Paddle SC website states that for the 6.5 miles from Saluda Dam to Dolly Cooper Park, “This trip is great for novice paddlers, or beginners... This river section is highly utilized and popular.”¹ For the next 9.4 miles in the Dolly Cooper Park to Piedmont, SC section, the Paddle SC website states that, “This trip features lazy waters, wide river channels, and is perfect for beginners.”² The Paddle SC information, sponsored by several SCRF members, belies any “impairment” to recreation and directly contradicts the SCRF members’ own Petition. ”

NCH Response 4:

While it is difficult to quantify impairments of recreation use (boating) at this site, the Department has received reports that boating is being adversely impacted by the Saluda Lake hydro operations. The petition included reports of recreation impairment caused by low and fluctuating flow, including the testimony from the manager of the Saluda River Yacht Club that low flows have led to loss of business. Also, their staff have noticed a decrease in water dependent wildlife.

In addition, we have anecdotal evidence from Anderson Co Parks Dept as follows:

- Fluctuations are especially extreme on weekends when recreational use is high
- Lack of flow affected the Saluda River Rally during which participants were dragging the riverbed or had to carry their kayaks for much of the 1st 4 miles

The Paddle SC website includes general descriptions of river reaches for many paddling sites. Each reach’s page includes a flow level that changes depending on live gauge data and that ranges from “below runnable” to “above runnable”. The general description is not meant to be representative of the conditions of the reach at all times.

Richland County Stormwater (RCSW)

RCSW Comment 1:

“In particular, the addition of a lead impairment to Gills Creek at SC 48 – Bluff Road has raised concern. The methodology for determination and the water quality standards to determine impairment are vaguely described in both the 2018 draft 303(d) list of impaired waters for SC, and in Regulation 61-68 Water Classifications and Standards. The use of conversion factors to determine lead concentration using TSS and hardness are insufficient for 303(d) listing unless the appropriate peer-reviewed literature is presented/referenced to show the accuracy of this methodology. At a minimum, it should be expected that equations for conversion listed in Regulation 61-68 are accurate and reflect what is being used by SCDHEC for impairment determination, as TSS is not explicitly included as a variable in the current conversion equation.”

RCSW Response 1:

A technical document has been developed in response to most comments regarding lead (Pb). Please see *A Review of Lead in Surface Waters*. SCDHEC Technical Document 003-2020. Available at: https://www.scdhec.gov/sites/default/files/media/document/final_Pb_report_w_annexes_jan_2020.pdf

Also note that waters of concern (WOC) are not confirmed aquatic life impairments due to Pb. Confirmed Aquatic life impairments due to Pb are prioritized for TMDL development. At the time of TMDL development, a source characterization of potential sources of Pb will be conducted and included in the TMDL document.

During the 2019 Triennial Review SCDHEC proposed the addition of Attachment 4 to Regulation 61-68. The purpose of Attachment 4 is to detail the process the Department uses for the calculation of the sample specific freshwater acute and chronic criterion for metals. Included in the attachment are the equations and coefficients the Department uses as well as the assumptions for instream TSS concentrations. The Department has proposed this attachment based on USEPA's *The Metals Translator: Guidance For Calculating A Total Recoverable Permit Limit From A Dissolved Criterion*, EPA 823-B-96-007.

The SCDHEC Board has approved these regulation revisions, however the changes are currently not in effect. The revisions are currently being reviewed by the State Legislature. Following this legislative review, the USEPA must review the proposed revisions. Should both the State Legislature and USEPA approve the regulation revisions, then they will become effective.

RCSW Comment 2:

“Furthermore, testing data and results should be made publicly available to MS4s without requiring FOI requests to your agency in the interest of transparency and result replicability.

While we recognize there may be the potential for lead impairment for aquatic life in the Gills Creek Watershed, more transparent monitoring procedures and methodologies should be available before this listing can take place. It would be more appropriate for this site location to be included on the 2018 Waters of Concern list, to be further evaluated and described to the public and all interested stakeholders before 303(d) listing.”

RCSW Response 2:

Please see RCSW Response 2.

All SCDHEC “final” ambient physical/chemical water quality data for aquatic life and recreational use parameters excluding macroinvertebrate (BIO) survey data can be downloaded from the water quality portal at: <https://www.waterqualitydata.us/portal/>. Please select an Organization ID of 21SC60WQ_WQX – South Carolina Department of Health and Environmental Control. Note that there may be a lag time for data to be uploaded to the portal, pending on its release as “final” by the Department. Currently, available data is inclusive of the 1999-2018 time-frame. Data for 2019-forward is available as “provisional” by submitting a written FOIA request to the Department. Macroinvertebrate (BIO) surveys, shellfish harvesting and fish tissue (human consumption use) water quality data are not being uploaded into the water quality portal by the Department; however, this data can also be made available upon written request to the SCDHEC FOIA office.

External sources of data used in the current listing cycle include those collected by the Black Creek Land Trust, Congaree Riverkeeper the Charleston Waterkeeper and Santee Cooper. These external sources data are covered under separate QAPPs. External data may not be uploaded to the water quality portal but can be obtained directly from the responsible party listed above.

Savannah Riverkeeper (SRK)

SRK Comment 1:

“Some of the stations within are not marked in the correct locations, we’ve noted the following to be edited. For the Savannah River Basin, these include: SV-690, SV-367. There are also sites just below North Augusta area that have been labeled as part of Beaverdam Ditch (a canal in Columbia County, GA), there isn’t a waterway named such in the area and these sites span from Highway 28 past the Jackson Boat Landing. These and any other erroneous site locations need to be corrected before finalizing the draft; we have listed them in the included spreadsheet.”

Site ID	ISSUES: Issues may represent mistakes in mapping, or might otherwise represent something else.
SV-690	Not placed correctly, with position being in Allendale County roughly a quarter to one-half mile from the river, 'upstream' from Browns Landing.
SV-367	Not placed correctly, with position given being in Burke County, Georgia.
SV-803	
RS-	
14213	Both sites are in the same spot and displaying different data.
SV-691	
SV-367	
RS-	
12101	
RS-	
01039	
SC-323	The HUC12 name for these sites is confusing since there are not locations on the ground or historically in this area named Beaver Dam Ditch.
SV-252	

SRK Response 1:

SCDHEC (the Department) acknowledges that there are errors in the locations of SV-690 and SV-367 and have initiated efforts to correct their locations on the appropriate GIS layer.

RS-14213 and SV-803 are at the same location. SV-803 is a fish tissue sampling site and RL-14213 was a random site that was sampled for water quality parameters during the year of 2014. Because these are two different kinds of sampling stations there will be two different sets of data for this location.

The HUC 12 designated as “Beaver Dam Ditch – Savannah River” (030601060607) includes drainage area on both sides of the Savannah River, not just the South Carolina side. Beaver Dam Ditch is in this HUC 12 on the Georgia side of the river.

SRK Comment 2:

“We’ve included a link to a map that we have compiled with 303D data for both Georgia and South Carolina, using the most up to date versions available: <https://www.google.com/maps/d/viewer?amp%3Busp=sharing&mid=1ZWGuvv55npPo5BvG8NSnQGpd1FgiNPB6&ll=33.45273385918708%2C-81.96110002495979&z=8>. Our concern are the differences between impaired listings for the main stem of the Savannah River, this discrepancy needs to be discussed between the two state agencies. The difference in how data is represented can lead to confusion in the public’s interpretation. The two states that share the Savannah River need to work more in tandem on any work related to water quality and restoration.”

SRK Response 2:

To address this concern, we have compared the two states’ draft 2018 303(d) lists rather than using the map supplied (which compared Georgia’s 2016 303(d) list with South Carolina’s draft 2018 303(d) list). A major difference in listing methodology is that Georgia lists *reaches* as impaired or not, while South Carolina lists the *points* at which an impairment was found. This precludes an exact comparison. Other differences are as follows:

Mercury

Most of the discrepancies between the two states’ assessments on the mainstem Savannah River are with mercury (fish tissue) impairments. South Carolina has listed mercury impairments in six of the seven reaches of the Savannah River while Georgia has listed only one reach. These differences are due to the different assessment methodologies used by the two states. Georgia uses a trophic-weighted residue approach and lists a reach as impaired when that value exceeds 0.3 PPM. South Carolina lists a site as impaired if any consumption advisory is in place for a fish species at that site. South Carolina’s consumption advisories begin at 0.24 PPM. Both states have listed a mercury impairment in the ‘Brier Creek to Ebenezer Creek’ reach.

Lead

South Carolina has listed RL-10004 as a water of concern for lead. This site is located in the ‘Lake Hartwell Dam to Cedar Creek’ reach of the Savannah River. Georgia is not currently sampling for lead and has not since 2002. As such there will be no lead impairments on the Georgia list.

Zinc

South Carolina has listed SV-369 as impaired for zinc. This site is in the ‘Brier Creek to Ebenezer Creek’ reach of the Savannah River. Georgia is not currently sampling for zinc and has not since 2002. As such there will be no zinc impairments on the Georgia list.

Turbidity

SV 369 is also not supporting for turbidity. This may be due to differences in sampling location or timing.

FC

Georgia has listed the ‘Ebenezer Creek to SR 25’ reach as not supporting the fecal coliform bacteria standard. This may be due to differences in sampling location or timing. South Carolina currently samples for E. coli rather than fecal coliform bacteria, so there is also a difference in assessment methodology.

Dissolved Oxygen

Georgia and South Carolina have cooperated on the development of equivalent water quality standards and a restoration plan for dissolved oxygen in Savannah Harbor (*Subcategory 5R Documentation for Point Source Impaired Water in the Savannah River Basin*, approved by EPA in 2016).

We agree that there should be cooperation between the two states concerning the stewardship of our shared river. The fact that we sample for different parameters at different locations doesn't detract from our individual assessments but instead enhances our understanding of conditions in the river. The two assessments complement each other and result in more information about the river.

SRK Comment 3:

"We would like to understand why there is no mention of radioactive impairment that has been found in the Savannah River. While it has been documented in fish tissue we do not find that information included in this report. Radioactivity in fish also indicates the presence of radioactive contamination in the water and sediment. Because the locations of these fish are in areas of high recreational use and heavy fishing, it is imperative this information be relayed. This type of impairment is critical to consider for any projects in the Savannah River Basin."

SRK Response 3:

SCDHEC does not have a water quality standard for radiological contaminants, nor do we sample for radioactivity in fish tissue, and as such radioactive contamination of fish tissue is not included in development of the 303(d)/305(b) Integrated Report. The fish consumption advisory published by SCDHEC does include limits recommended due to the presence of cesium and strontium in fish tissue in the Savannah River. This information may be accessed here: <https://www.scdhec.gov/food-safety/food-monitoring-advisories/fish-consumption-advisories>

More specific information addressing radioisotopes may be found here: <https://www.scdhec.gov/food-safety/food-monitoring-advisories/fish-consumption-advisories/what-are-fish-consumption>

The Department of Energy does extensive monitoring and assessment of radiological contaminants in fish and shellfish (and other wildlife) in and adjacent to the Savannah River Site (SRS). They release a yearly SRS monitoring report that details conditions in the SRS environment including information about safe consumption of fish with respect to radiological contamination. DOE has taken responsibility for signage in the area advising anglers of potential contamination.

The 2017 report may be accessed here: <https://www.srs.gov/general/pubs/ERsum/er17/index.html>.

SRK Comment 4:

"We are deeply concerned, as are many of our colleagues and citizens, with the high number of Waters of Concern related to lead contamination that have shown up in the draft. The data indicates the somewhat sudden appearance of high levels of lead throughout the state. The main question is, what is the source of these higher levels of lead in our waterways? That answer may not be available or clear at this time. As such, a study needs to be done to find the sources and look towards remediation. As South Carolina faces growing demands, the need for drinkable surface water cannot be overstated and these waters must be protected and restored. We would also like to understand further what the remediation plan is for those waterways. What is being done to prioritize the protection of these threatened waters?"

SRK Response 4:

A technical document has been developed in response to most comments regarding lead (Pb). Please see *A Review of Lead in Surface Waters*. SCDHEC Technical Document 003-2020. Available at: https://www.scdhec.gov/sites/default/files/media/document/final_Pb_report_w_annexes_jan_2020.pdf

Also note that waters of concern (WOC) are not confirmed aquatic life impairments due to Pb. Confirmed Aquatic life impairments due to Pb are prioritized for TMDL development. At the time of TMDL development, a source characterization of potential sources of Pb will be conducted and included in the TMDL document.

SRK Comment 5:

“There needs to be a thorough investigation into the reasons that 303D and 305B data was not seen in many of the rural areas with impaired waterways and waters of concern. Research efforts are needed to discern the sources of contamination for many of these new waters of concern.”

SRK Response 5:

Please see SRK Response 4.

South Carolina Environmental Law Project on behalf of Winyah Rivers Alliance and Waccamaw Riverkeeper (WRAWR)

WRAWR Comment 1:

“Here, for the first time, DHEC has identified approximately 150 sites as Waters of Concern for Lead impairment and added 3 sites to the 303(d) List due to Lead. While we commend the new Bureau of Water chief for coming forward with this information, reaching out to our State's many Riverkeepers and opening up staff to discuss this matter, there is some indication that this information has been known by the Department for some time but yet not publicly disclosed until recently. Moreover, we are deeply concerned with the serious nature and extent of Lead impairment in our waterways and call on the Department to undertake a comprehensive study to further investigate and identify sources of the Lead contamination and a targeted strategy to address it.

The purpose of the 303(d) List is to identify waters requiring restoration to improve water quality. While it is a step in the right direction to add Lead as an identified pollutant, there needs to be a plan in place for the next steps. Effective clean water protection requires evolving policy that takes into account changing conditions on the ground and the pressures associated with a growing human population and the ways we use and impact our waters.”

WRAWR Response 1:

A technical document has been developed in response to most comments regarding lead (Pb). Please see *A Review of Lead in Surface Waters*. SCDHEC Technical Document 003-2020. Available at: https://www.scdhec.gov/sites/default/files/media/document/final_Pb_report_w_annexes_jan_2020.pdf

Also note that waters of concern (WOC) are not confirmed aquatic life impairments due to Pb. Confirmed Aquatic life impairments due to Pb are prioritized for TMDL development. At the time of

TMDL development, a source characterization of potential sources of Pb will be conducted and included in the TMDL document.

WRAWR Comment 2:

“In addition, waters throughout South Carolina are also being impacted by hydrologic alteration and those waterways deserve the same protections as those impacted by bacteria, turbidity, metals, or low dissolved oxygen.”

WRAWR Response 2:

The Department does not have approved water quality standards for hydrologic alteration. Without approved standards, the Department lacks the authority to list waters as impaired. However, as noted above, the Department is proposing to add one new waterway (the 14-mile stretch of the Saluda River below the Saluda Lake Dam) to Category 4C as being impaired due to hydrologic alterations. The Department will review options for making improvements to the river.

South Carolina Rivers Forever (SCRF)

SCRF Comment 1:

“On August 31, 2017 South Carolina Rivers Forever submitted information to the Department of Health and Environmental Control about the Upper Saluda River, South Fork of the Edisto River, Santee River below Lake Marion Dam and Broad River at Lockhart as examples of waterbodies that are impaired due to hydrologic alteration. We recommended the Department find these river segments as impaired due to hydrologic alteration and include them as such under Category 4C of South Carolina’s 2018 Integrated Report.”

SCRF Response 1:

In the period leading up to the preparation of the 2018 303(d) List of Impaired Waters (303(d) List), the Department received requests from several conservation groups to place waters under Category 4C in our Integrated Report. These waters included the Santee River below Lake Marion Dam, the Broad River near Lockhart Dam, the South Fork of the Edisto, the Upper Reedy River and the Saluda River downstream of Saluda Dam.

After reviewing the information provided, the Department made the decision to place only the Saluda River downstream of the Saluda Dam under Category 4C. See the CRK Response 7 above for the Department’s rationale.

SCRF Comment 2:

“We have reviewed the Department’s November 5, 2018 draft Integrated Report, *Methodology, Draft 2018 303(d) List and Appendices*, and are pleased that Appendix A of the report lists the Upper Saluda River as impaired due to hydrologic alteration. South Carolina Rivers Forever recommends the Upper Saluda River be included in the final 2018 Integrated Report as impaired due to hydrologic alteration and that the Department take actions as soon as possible to remedy the impairment of aquatic life and recreational uses at this location which result from the operation of the Saluda Dam.”

SCRF Response 2:

The Department is placing the 14-mile stretch of the Saluda River downstream of the Saluda Lake Dam under Category 4C of the Integrated Report (IR). The Department will review options for making improvements to the river.

SCRF Comment 3:

“There is no mention in the draft Integrated Report regarding the information we provided to the Department about the South Fork of the Edisto River, Santee River below Lake Marion Dam and Broad River at Lockhart. Neither is there information about why they are not included under Category 4C as waterbodies that are impaired due to hydrologic alteration or what criteria were used by the Department when these waterbodies were evaluated for listing under Category 4C.

We are again providing as separate attachments the information submitted in 2017 for the South Fork of the Edisto River, Santee River below Lake Marion Dam and Broad River at Lockhart. We strongly urge the Department to reconsider listing these waterbodies under Category 4C in the final 2018 Integrated Report as impaired due to hydrologic alteration. The report should also include the criteria by which they were evaluated and any reason for not listing them under Category 4C in the 2018 report.”

SCRF Response 3:

Please see CRK Response 7.

South Carolina Water Quality Association (SCWQA)**SCWQA Comment 1:**“QAPP Availability and Compliance Certification.”:

“The draft listing methodology makes several statements on page 3 regarding “a SCDHEC-approved Quality Assurance Project Plan (QAPP),” DHEC’s EPA-approved “Quality Assurance Management Plan (QAMP),” DHEC’s “criteria for quality assurance,” and a “checklist of QA/QC considerations” used by DHEC. The methodology then includes a link to a DHEC webpage with several documents, none of which clearly line up to the description in the listing methodology. For example, the website includes a guidance document for preparing QAPPs and an exemplary QAPP, but no QAPP specific to the Section 303(d) list is provided. Also, the website provides a link to a document entitled “S.C. DHEC Quality Management Plan, March 2014,” which may or may not be the QAMP described in the listing methodology. Moreover, the only checklist on the website is from EPA, not DHEC. We would appreciate clarification of the listing methodology to provide direct links to specific documents being described in the listing methodology. Without knowing which documents are being referred to in the listing methodology, we are unable to evaluate whether the quality assurance procedures are appropriate.”

SCWQA Response 1:

The current QMP, [S.C. DHEC Quality Management Plan - Feb 2018](#), can be found on the SCDHEC website Quality Assurance Plans webpage: <https://www.scdhec.gov/quality-assurance-plans>. The QMP describes SCDHEC's Environmental Affairs data quality management plan and data quality requirements for all environmental data collected or submitted to SCDHEC EA. The QMP is not project-specific.

The Quality Assurance Plans webpage also has links to the [Guidance Document for Preparing Quality Assurance Project Plans, June 2018, Office of Quality Assurance, S.C. DHEC](#), provides instructions and requirements for preparing QAPPS for submission for SCDHEC approval. It includes the description of necessary details for different grades of QAPPs based on the intended use of the resulting data.

This page also contains an example of a Class 3 QAPP and a QAPP review checklist. The comment is accurate that this is an EPA checklist, which is what SCDHEC uses to review QAPPs prior to approval.

The 303(d) list does not collect or generate data. Development of the list (and the complete IR package) requires no QAPP. Development of the list follows an assessment methodology for determining attainment of classified uses, Appendix H: Determination of Attainment of Classified Uses, that is reviewed and negotiated with USEPA Region 4. The final 303(d) list requires USEPA approval before it is considered final. If the USEPA finds that the actual assessment is not in agreement with the negotiated methodology they can reject the entire list or re-assess data and add or remove listings at their discretion prior to approval.

On page three, paragraph three of the assessment methodology the following sentence was revised for clarification: “The referenced QMP and a checklist of QA/QC considerations used by the Department can be found at: <https://scdhec.gov/quality-assurance-plans>“. The abbreviation for Quality Assurance Management Plan (QAMP) has also been changed to (QMP) to be consistent with the Department’s internal abbreviation.

SCWQA Comment 2:

“We would like copies of the DHEC QAPP and Quality Assurance Management Plan that were applied to the data used to prepare DHEC’s draft Section 303(d) list. We think that these documents should be made available on a DHEC website, and that the descriptions in the listing methodology should be modified to name the exact document and provide direct links to each individual document. We also think that with each Section 303(d) list, DHEC should certify that all the data used for actual 303(d) listings met the requirements in the stated and publicly-available QAPP/QAMP.”

SCWQA Response 2:

The term Quality Assurance Management Plan (QAMP) is no longer being used. It has been replaced with the title Quality Management Plan (QMP). The current QMP, [S.C. DHEC Quality Management Plan - Feb 2018](#), can be found on the SCDHEC website Quality Assurance Plans webpage: <https://www.scdhec.gov/quality-assurance-plans>. The QMP describes SCDHEC's Environmental Affairs data quality management plan and data quality requirements for all environmental data collected by or submitted to SCDHEC EA. It is not project specific.

The QAPP for SCDHEC’s data collection is the State of South Carolina Monitoring Strategy which is updated annually. The Monitoring Strategy for 2018 is available at <https://www.scdhec.gov/sites/default/files/docs/HomeAndEnvironment/Docs/Strategy.pdf>. Monitoring Strategies for past years are not maintained on the SCDHEC website. For this assessment cycle the relevant Monitoring Strategies are 2012, 2013, 2014, 2015 and 2016. These strategies are available upon request to the Department.

Similarly, SCDHEC approved QAPPs submitted by other contributors whose data were included in this assessment are also available by request.

Because the outside data submitted and used were collected under an SCDHEC approved QAPP there is no need for a separate certification of the data in the IR report. If it doesn't meet the data quality requirements specified in the QAPP it is not submitted to SCDHEC or is rejected if submitted for that purpose.

SCWQA Comment 3:

“All Data Used to Support an Actual 303(d) Listing Should Be Available on the Website from the Outset of the Public Comment Period.”:

“In order to make the public comment period meaningful, DHEC must make the data supporting each listing available to the public. At a minimum, such data should be available from the outset of the comment period. Even better would be to post such data as they are available—well ahead of the comment period. Such availability is critical to allow stakeholders a meaningful opportunity to evaluate DHEC’s available data with an eye toward correcting errors, filling any data gaps, or to collect additional data where more data will better help determine the water body’s true attainment status.”

SCWQA Response 3:

All SCDHEC “final” ambient physical/chemical water quality data for aquatic life and recreational use parameters excluding macroinvertebrate (BIO) survey data can be downloaded from the water quality portal at: <https://www.waterqualitydata.us/portal/>. Please select an Organization ID of 21SC60WQ_WQX – South Carolina Department of Health and Environmental Control. Note that there may be a lag time for data to be uploaded to the portal, pending on its release as “final” by the Department. Currently, available data is inclusive of the 1999-2018 time-frame. Data for 2019-forward is available as “provisional” by submitting a written FOIA request to the Department. Macroinvertebrate (BIO) surveys, shellfish harvesting and fish tissue (human consumption use) water quality data are not being uploaded into the water quality portal by the Department; however, this data can also be made available upon written request to the SCDHEC FOIA office.

External sources of data used in the current listing cycle include those collected by the Black Creek Land Trust, Congaree Riverkeeper the Charleston Waterkeeper and Santee Cooper. These external sources data are covered under separate QAPPs. External data may not be uploaded to the water quality portal but can be obtained directly from the responsible party listed above.

SCWQA Comment 4:

“DHEC’s website should also indicate the source and quality of all data provided (i.e., the name of the state agency, private party, etc., that collected the data and certification regarding QA/QC procedures).”

SCWQA Response 4:

SCDHEC considers all “readily available data” during each listing cycle not limited to but including the sources identified on page 3 of the 303(d) assessment methodology https://www.scdhec.gov/sites/default/files/media/document/PN_IR_Part_I_2018.pdf.

For the 2018 IR listing cycle, the Department assembled and assessed data from the following internal sources: SCDHEC ambient monitoring program, shellfish monitoring program, and fish tissue monitoring program. All of these sources of data are covered under the Agency’s QAPP as described in SCWQA Response 2.

External sources of data considered in the current listing cycle include those collected by the Black Creek Land Trust, Congaree Riverkeeper, Charleston Waterkeeper and Santee Cooper. These external data are covered under separate QAPPs.

Assessment methodology, page 4:

Prior to finalizing the 2018 303(d) list, the following has been added: “QAPP-approved data were submitted to the Department by the Black Creek Land Trust, the Congaree Riverkeeper, Charleston Waterkeeper and Santee Cooper. Data collected by these groups were considered for the current listing cycle. Each of the approved QAPPs can be made available by Freedom of Information Act (FOIA) request to the Department <https://www.scdhec.gov/sites/default/files/Library/D-2295.pdf>.”

SCWQA Comment 5:

“Finally, underlying information about biological sampling also should be made available, including survey sheets, sampling dates, and any other relevant information (or at least indicate its prompt availability upon request). Additionally, the requisite procedures for biological sampling should be clearly stated, and each survey used for Section 303(d) listing purposes should include a certification that the requirements were followed.”

SCWQA Response 5:

See SCWQA Response 3.

SCWQA Comment 6:**“Qualified Data Should be Disclosed and Explained.”:**

“DHEC should identify any data which are qualified and the nature of the qualification. Qualified data should not be the sole basis for any listing decision nor should qualified data be relied upon if the inclusion of such data is what triggers an impairment determination.”

SCWQA Response 6:

See SCWQA Responses 1-5.

The above described are considered qualified data considered for preparing the 2018 303(d) list and are readily available.

SCWQA Comment 7:

“DHEC Should Explain its Treatment of Non-Quantified Data.”:

“We are unclear whether DHEC uses any data which are found to be below applicable quantitation levels. We believe that data below practical quantitation limits should be assigned values of “0” for listing purposes. We would like to know what DHEC’s procedure is in relation to such data.”

SCWQA Response 7:

For physical/chemical parameters that are reported at or below the quantification (detection) limit, a “zero” value is used, where applicable. For example, the analytical detection limit for total phosphorus is 0.02 mg/l. If <0.02 mg/l is reported by the lab, then a value of 0.00 mg/l is used for assessment purposes.

In situations where physical/chemical/bacteriological parameters are reported above the quantification limit, the reported value is used, where applicable. For example, if E. coli value of >9678.4 MPN/100 ml is reported by the lab, then that value is used for assessment purposes.

SCWQA Comment 8:

“For Each New Section 303(d) Listing, DHEC Should Highlight the Listing and Prepare a Data Fact Sheet.”:

“Given the potential impacts a new listing can have on NPDES permit holders, as well as land owners, within or upstream of waters declared to be impaired, we request that all new listings be readily identified for ease of identification and analysis.”

“For DHEC to really make public review and comment meaningful, it should prepare an electronic fact sheet for each new listing. The fact sheet should include the following:

1. Summary of the waterbody
2. Identify the pollutant(s) of concern
3. Provide a link to the raw data and associated information (QA/QC, etc)
4. Explain how the data meet the listing criteria
5. Other appropriate information

Such fact sheets are entirely warranted for impaired waters listings to readily inform interested stakeholders as to the scope and basis for the listing. While we would like to see such fact sheets for all listed waters, we recognize DHEC staff limitations. Accordingly, we propose that DHEC start fact sheet development for waters which will be added (and, perhaps, subtracted) to the 2018 list. We believe the preparation of such fact sheets will play a significant role in enhancing the quality of the listing program and the public’s ability to provide meaningful input.”

SCWQA Response 8:

Each draft 303(d) list includes descriptive information relevant to the items 1,2 above. There are also online tools available that will assist with locating monitoring sites. The SCHEC watershed atlas can be found at: <https://www.scdhec.gov/environment/your-water-coast/watersheds-program/sc-watershed-atlas>. ArcGIS shapefiles of monitoring locations can be found at the GIS data Clearinghouse: <https://apps.dhec.sc.gov/GIS/ClearingHouse/>

For items 3,4 above see SCWQA Response 3.

Other supplementary information, such as new listings/delisting, is available upon request to the Department at any time during or after the advertised public comment period.

SCWQA Comment 9:

“Minimum of 10 Samples for Listings Based Upon the 10% or 25% Criteria.”:

“We appreciate and concur with DHEC’s position that “no monitoring site will be listed as partially or not supporting for any pollutant based on a single water chemistry sample result because of the possibility of an anomalous event.” Methodology, H-1. However, we believe it is inappropriate to list a water body as impaired without appropriate data to support the decision. In particular, when “the sampling frequency employed in the ambient monitoring network is insufficient for strict interpretation of the Standards,” the decision must be to collect sufficient information to satisfactorily interpret the Standards, not to find impairment (unless existing data demonstrates impairment beyond reasonable dispute or additional data would not change the determination). Methodology, H-1. This is because the cost to collect a few additional samples will always be dwarfed by changes necessitated by an impaired designation on affected NPDES permit holders. Moreover, making impairment decisions based on only two samples is only more accurate than on one, given the probabilities and statistics governing anomalous events.

To address these concerns, DHEC should modify its listing methodology to specify that listing decisions will only be made where at least 10 valid samples are available for all pollutants where compliance will be judged by the 10% and 25% criteria. The chances of a false positive or non-representative sampling condition are far too high to make a listing determination based upon fewer than 10 data points. Waters with one high data result out of fewer than 10 data points should be put in a category for additional data collection during the next listing cycle.”

SCWQA Response 9:

The State does not establish a minimum sample size required for assessing these data. This approach is consistent with *Guidance for 2006 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d), 305(b) and 314 of the Clean Water Act* (USEPA, 2005) <https://www.epa.gov/sites/production/files/2015-10/documents/2006irg-report.pdf>

It should be noted that *monthly* samples are collected at the majority of ambient monitoring stations and shellfish monitoring stations. Samples for total recoverable metals are collected on a quarterly basis. Since the assessment window is a minimum of three years and up to five years, (depending on the pollutant), a minimum size of ten valid samples is usually achieved at most ambient monitoring locations statewide.

In situations where a minimum of ten valid samples ($n=10$) are *not* collected during the assessment window, such is the case with some Santee Cooper monitoring locations, the Department will not list due to a single excursion of a physical/chemical water quality parameter. There must be more than one exceedance of the relevant criterion and a violation of the percentage-based threshold to be candidate for a 303(d) listing. For example, with a sample size of $n=10$ there must be more than one exceedance of the

relevant criterion to be considered impaired. This would also be greater than 10% exceedances of the criterion. In addition, a minimum sample size of n=10 is not actually needed for an impairment determination if there is more than once exceedance of the relevant criterion. If there are only two samples assessed at given location (n=2) and they both exceed, this would also translate to greater than 10% exceedances even if the minimum sample size was n=10.

SCWQA Comment 10:

“No Listing Based Upon A Single Fish Community or Benthos Sample Unless the Impairment is Severe.”

Like water chemistry samples, no stream should be listed as having an impaired fish community or benthos based upon a single stream survey (unless the survey results demonstrates impairment beyond reasonable dispute). In particular, stream surveys showing marginal impairments are not a proper basis to solely support a listing. Such waters should be prioritized for follow-on sampling on which an impairment decision can be made.

SCWQA Response 10:

Biological samples are different from water chemistry samples in that typical chemistry samples measure levels of potential contaminants which in certain concentrations are believed to have the potential to harm aquatic life. This potential effect is presumably more likely to occur where concentrations of the contaminant remain high over a period of time. Biological samples document an effect which has already happened to the aquatic community and so doesn't require the same repetition. The methodology employed has been demonstrated to be reliable for many decades and similar methods are widely used for stream assessment. A margin of error calculated based on replicate sampling is used to avoid listing sites where the results may not be conclusive.

SCWQA Comment 11:

“DHEC Needs to Reject the One-in-Three-Year Listing Criterion for Toxicants.”

Regarding the criterion for “toxicants (heavy metals, priority pollutants, chlorine, ammonia),” SCWQA recommends that the “exceeded more than once in three years” criterion be replaced with a “greater than 10%” criterion. The “>1-in-3” methodology, rooted in an unpromulgated EPA policy that is not binding on DHEC, is problematic because it accounts for neither the existence of false positives nor the importance of sample size or data quality. The extraordinarily over conservative >1-in-3 methodology would require a finding of impairment whether two exceedences in a three-year period are out of a total of two samples or two hundred samples, even though the latter would be much less likely to indicate truly impaired ambient conditions. A “greater than 10%” criterion, coupled with a minimum of 10 samples, is simply a better and more technically appropriate methodology.

SCWQA Response 11:

All of USEPA’s criteria for toxic pollutants are based on the format “except possibly where a locally important species is very sensitive, (freshwater/saltwater) aquatic organisms and their uses should not be affected unacceptably if the four-day average concentration of (name of material) does not exceed (Criterion Continuous Concentration) µg/L more than once every three years on the average and if the one-hour average concentration does not exceed (Criterion Maximum Concentration) µg/L more than

once every three years on the average.” See *Guidelines for Deriving Numerical National Water Quality Criteria for the Protection Of Aquatic Organisms and Their Uses* (Stephens et al, USEPA Publication PB85-227049), <https://www.epa.gov/sites/production/files/2016-02/documents/guidelines-water-quality-criteria.pdf>. This guidance states, “Most aquatic ecosystems can probably recover from most exceedences [sic] in about three years. Therefore, it does not seem reasonable to purposely design for stress above that caused by the CCC to occur more than once every three years on the average, just as it does not seem reasonable to require that these kinds of stresses only occur once every five or ten years on the average.”

All USEPA guidance on data assessment for the purposes of developing the §303(d) lists recommend the use of “More than one excursion above criterion within any 3-year period” indicates impairment for §305(b) and §303(d):

Consolidated Assessment and Listing Methodology (USEPA 2002) https://www.epa.gov/sites/production/files/2015-09/documents/consolidated_assessment_and_listing_methodology_calm.pdf

Page 4-6 “EPA recommended that acute and chronic aquatic life criteria for toxics not be exceeded more than once every 3-year period on the average. EPA selected this frequency to provide a level of protection similar to the 7Q10 design flow or low-flow condition. The exceedance frequency recommendation is considered protective.”

See also Table 4-3.

Guidance for 2004 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d) and 305(b) of the Clean Water Act (USEPA, 2003) https://www.epa.gov/sites/production/files/2015-10/documents/2003_07_23_tmdl_tmdl0103_2004rpt_guidance.pdf

Page 26-27, “EPA guidance recommends use of a 1 in 3 year maximum allowable excursion recurrence frequency—number of times conditions in a water are worse than those specified by the concentration and duration components of a freshwater aquatic life criterion for a toxic chemical.”

Page 27, “EPA believes, therefore, that in the preponderance of situations where a State’s WQC contains a specific 1 in 3 year (or some similar) frequency, the water should be listed in Category 5 if excursions occur at a rate greater than this.”

Page 30, “Use of the 10% rule when performing attainment determinations regarding effects of toxics is not appropriate unless the State’s WQS regulations or WQS guidance specifically authorizes use of this rule for such pollutants.”

Guidance for 2006 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d), 305(b) and 314 of the Clean Water Act (USEPA, 2005) <https://www.epa.gov/sites/production/files/2015-10/documents/2006irg-report.pdf>

Page 42, “For toxic (“priority” pollutants) and protection of freshwater aquatic life, EPA guidance recommends use of a once in three year maximum allowable excursion recurrence frequency (Guidance for 2004 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d) and 305(b) of the Clean Water Act, Section III (F), EPA, 2003). Hence, for example, if a state freshwater aquatic life WQC

were expressed as “1-hour average concentration not to surpass 22 ug/L”, EPA would assume an applicable excursion frequency of no more than once in 3 years.”

The assessment methodology for determining attainment of classified uses, *The State of South Carolina’s 2018 Integrated Report (IR) Part I: Listing of Impaired Waters*, Appendix H: Determination of Attainment of Classified Uses, is reviewed and negotiated with USEPA Region 4 before each 303(d) assessment. That the “aquatic life criteria for toxics not be exceeded more than once every 3-year period” is a specific point SCDHEC discussed and agreed upon with USEPA Region 4. It has been used for many prior listing cycles. The use of the “10% rule” that is accepted for the assessment of conventional pollutants is not accepted by USEPA for the assessment of toxic pollutants. The final 303(d) list requires EPA approval before it is finalized. The If EPA finds that the actual assessment is not in agreement with the negotiated methodology they can reject the entire list or re-assess data and add or remove listings at their discretion prior to approval.

SCWQA Comment 12:

“Discretion to Consider Factors Other Than Excursion Magnitude and Frequency Should Be Prohibited From Justifying Findings of Impairment.”:

SCWQA agrees that DHEC should have discretion to consider factors other than excursion magnitude and frequency when making determinations of impairment status for toxicants. However, we believe the exercise of such discretion should be limited to where it is exercised in favor of erring against a finding of impairment. Because an impairment determination generally is based on the conclusion that existing effluent limits are not sufficiently stringent, findings of impairment should be made only when the results cannot be explained away by confounding factors. For example, data collected under non-representative circumstances (e.g., historic high or critical low flows) could be used to evaluate potential trends (or excluded altogether) but should not be used to make listing determinations. However, allowing DHEC the discretion to find water bodies impaired where statutory and/or regulatory criteria have not been exceeded would be unfair to NPDES permit holders and, by definition, unlawful.

SCWQA Response 12:

The Department has discretion in the consideration of data used for 303(d) assessment purposes. For example, in certain blackwater systems where DO and pH may be “naturally low”, the Department may review the system and determine if there are no anthropogenic sources present that could influence water quality in the system. If the weight of evidence demonstrates that DO and pH are indeed “naturally low” despite contraventions of numeric criteria, the site may not be included on the 303(d) list for those parameters. This approach for blackwater systems, swamps and tidal marshes requires a demonstration that the location is not impaired and does not err against the initial finding of impairment.

The Department does not review and assess data in conjunction with eliminating “confounding factors”. The ambient monitoring network is designed to document water quality during all instream conditions (including low-flow and high-flow) and inclusive of all potential pollutant sources. The Department believes the approach of assessing all QAPP-approved ambient data collected during the full range of instream conditions is both appropriate and consistent with the goals of the Clean Water Act. In fact, the state’s water quality standards are applicable in the full range of hydrologic conditions. The TMDL development process will then be initiated by the impaired waters listing. A TMDL document will

include a source inventory, load allocations and will ultimately determine whether NPDES permits should be revised accordingly. NPDES permit limits can then be set based on the critical hydrologic conditions used to establish the TMDL (low-flow or high-flow).

SCWQA Comment 13:

"If *E. coli*/Enterococci Impairment Is Based In Part on Fecal Coliform Data, Then the Impairment Description Should Reflect That Reliance."

"Although SCWQA does not oppose the use of historic fecal coliform data to augment insufficiently available *E. coli* and Enterococci data in order to make impairment determinations, locations determined to be impaired using fecal coliform data should be listed as impaired due to *E. coli*/Fecal Coliform and Enterococci/Fecal Coliform, respectively. This is because it is possible that locations could be impaired under a Fecal Coliform standard but not under an *E. coli* or Enterococci standard, and omission of the reliance on Fecal Coliform data risks a misinterpretation of past findings of impairment.

An alternative approach to handling instances where both Fecal Coliform and *E. coli*/Enterococci data are available for a given location would be to examine the ratio between Fecal Coliform and *E. coli*/Enterococci colonies, which would allow an approximation of *E. coli*/Enterococci colonies at that location using historical fecal coliform data. However, it is simply inaccurate to suggest that a water body is impaired for *E. coli* or Enterococci when insufficient *E. coli*/Enterococci data exists to make that determination."

SCWQA Response 13:

Because the *current* recreational use indicator is either *E. coli* or Enterococci, it is *inappropriate* to list a location as impaired for recreational use due to fecal coliform bacteria. The current recreational use indicators were adopted in 2013 and the Department worked closely with the USEPA staff leading to change. One point of discussion was how to approach 303(d) listings during this period of transition where there may be either no *E. coli*/Enterococci data available or a "pooled" data set for assessment purposes. At the time, it was agreed between SCDHEC and the USEPA that the best approach was to carry over all locations as impaired for recreational use and assess for attainment, where data are available. The USEPA agreed with this approach and the attainment conclusion was based on the current indicator.

Since 2013, the Department has effectively implemented the change into other programs areas such NPDES permitting and compliance/enforcement. NPDES continuous and non-continuous dischargers are now being required to comply with and monitor for the current *E. coli* or Enterococcus indicator. The programmatic transition is nearly complete. In fact, beginning with the 2020 IR cycle, there will no longer be any historic recreational use fecal coliform data to consider in the 303(d) assessment data pool.

Town of Mount Pleasant (TOMP)

TOMP Comment 1:

"Has the 2017 and 2018 Shellfish data and reports been used for listing/ delisting. If so should the reports not be made available before the draft publishing and not after? Please address this data/ timing gap – also TMDL development should be coordinated with report publishing to avoid listing waters one month that are listed as attainment the next month."

TOMP Response 1:

Bacteriological data summaries included in the 2017 Shellfish Management Area Annual Reports were used for developing the draft 2018 303(d) list. The summary tables included in each document are based on 2014-2016 fecal coliform data. At the time of 303(d) list development, the shellfish monitoring program had not completed the 2017 reports and only data summary tables were available for 303(d) purposes. The 2017 reports have since been completed and are available by submitting a written request to the Freedom of Information (FOIA) Office. The most recently published Shellfish Management Area Annual Reports (2019) are available online at <https://scdhec.gov/food-safety/shellfish-monitoring-program-overview/monitoring-station-reports>.

The Shellfish Monitoring Program evaluates fecal coliform data and develops these reports annually for their management purposes. In some instances, it is not possible to complete these reports in a timely manner and the reports are not available online at the time of 303(d) list development. However, the shellfish report summary tables used for development of the 303(d) list of impaired waters can be made available at any time by submitting a request to the FOIA Office. See <https://www.scdhec.gov/about-dhec/request-copies-public-records-foi>.

Because the shellfish monitoring program completes annual updates to their reports and the 303(d) list is developed every two years, there may be inconsistencies in shellfish monitoring site attainment status (i.e. fully supported or not supported) between listing cycles. TMDLs may be scheduled for development 2-13 years from the time of initial listing. At the time of TMDL development, historic data as well as the most recent data may be considered. In most cases this covers a much longer time-frame than a single three-year 303(d) assessment period for shellfish the use support.

TOMP Comment 2:

Page 2, paragraph 6:

“What are natural conditions and how are they determined
– is Fecal bacteria form wildlife included?”

TOMP Response 2:

The reference to “natural conditions” on page 2, paragraph 6 of the assessment methodology pertains only to dissolved oxygen and pH in certain blackwater systems and coastal waters. See page assessment methodology page 5, paragraph 3 and Appendix H.

Fecal coliform bacteria is the bacteriological indicator for the shellfish harvesting (human consumption) designated use. Sources of pathogens are not disaggregated for the purposes of 303(d) list development. Regardless of the source of fecal coliform bacteria, an exceedance of 14/100 ml geometric mean and exceedance of 43/100 ml SSM constitutes a violation of the water quality standard and constitutes a risk to human health.

TOMP Comment 3:

Page 2, paragraph 7:

“Is the 304(l) list available electronically for review – could not find it on the website for cross reference – we would like to review and understand this report”

TOMP Response 3:

The SCHDEC website includes the draft 2018 303(d) list as well as all finalized lists 1998-2016. See <https://www.scdhec.gov/south-carolina-303d-list-impaired-waters-tmdls#4>. The website does not host finalized lists prior to 1996 or the 1989 304(l) short list. These lists can be made available upon request by submitting a written request to the FOIA Office. See <https://www.scdhec.gov/about-dhec/request-copies-public-records-foi>.

TOMP Comment 4:

Page 3, List of Sources:

“State Watershed Water Quality Assessments for the Santee Watershed are not linked/available on the website

– how do we get these documents for review? -how often are they updated?”

TOMP Response 4:

Page 3: The Watershed Water Quality Assessments have been replaced with the Watershed Atlas <https://gis.dhec.sc.gov/watersheds/>. The Watershed Atlas is routinely updated by DHEC's Bureau of Water sections that provide information for the various GIS layers. Therefore, "State Watershed Water Quality Assessments" has been removed from the list of data sources referenced in the draft 2018 IR. The archived water quality assessments can be found here: <https://www.scdhec.gov/archived-watershed-water-quality-assessments>, with 2013 being the most recent for the Santee Basin.

TOMP Comment 5:

Page 3, List of Sources:

“Why are there less surface stations in 2016 had 1400 and 2018 has 800

IS there fish, oyster, and crab tissue monitoring data for use in 2018?”

TOMP Response 5:

Beginning in 2010, there was a reduction in both the number of *fixed* ambient sampling locations statewide and the frequency of sampling (from monthly to bi-monthly sampling and many locations). There were also fewer locations being sampled for fish tissue beginning in 2010. The reductions were due to resource constraints at that time and resulted in fewer data from fewer locations evaluated in subsequent 303(d) assessments. It should be noted that monitoring reductions did *not* occur with the probabilistic ambient monitoring or shellfish monitoring networks during this time. Also note that SCDHEC does not currently collect crabs and evaluate crab tissue data.

Since that time, there have been some changes to the ambient monitoring network that could result in an increase with the number of sites moving forward. For example, macroinvertebrate sampling that was discontinued has been reinstated at many of the locations sampled prior to 2010. In addition, the sampling frequency has been reinstated from bi-monthly to monthly at *fixed* monitoring locations.

TOMP Comment 6:

Page 3, List of Sources:

“Why were less Beach Monitoring Data collection sites used? 2016 had 128 and 2018 had 100”

TOMP Response 6:

Adjustments to the beach monitoring network have also occurred over time for the purposes of evaluating recreational use in coastal waters. Those adjustments may be the result of permanent advisories being issued at certain locations, the use of rain-driven predictive modeling, or sources of enterococci being removed at known swimming areas in coastal waters.

TOMP Comment 7:

Page 3, List of Sources:

“How does the loss of stations impact listings? How should we use old data in making current decisions and how do we not know that an area has not improved – or worsened.”

TOMP Response 7:

See TOMP Response 5.

Reduced monitoring has reduced both the amount of data assessed and the number of sampling locations since the 2012 303(d) listing cycle. This has increased the number of “legacy” impairments statewide. “Legacy” impairments are defined as those that were listed as impaired historically but longer have data assessed during the relevant 303(d) listing cycle. For the 2018 listing data collected the 2012-2016 time-frame were assessed.

Once listed, a site can only be removed by developing a TMDL, through an initial listing error, *or by demonstrating the standard is attained for the pollutant of concern*. By reinstating previously discontinued ambient monitoring locations, “legacy” impairments may be confirmed or refuted based on more recent data.

TOMP Comment 8:

Page 8, paragraph 6:

“- comma needed “At the time of publication of this list,
over 600 TMDLs...””

TOMP Response 8:

A comma has been inserted in the referenced sentence in page 9 of the assessment methodology.

TOMP Comment 9:

Page 8, Shellfish Monitoring Station Reports:

“The Reports are not available from the link. The 2017 reports are not provided, and the website says 2018 is pending. We investigated and learned that they will not be published until December after the public notice period closes – is the 2018 report data used for this listing?”

TOMP Response 9:

See TOMP Response 1.

TOMP Comment 10:

Page 9, Integration – coordination with Shellfish Program:

“The document says threatened shellfish water with **large** stocks of harvestable shellfish...according to the SCDNR Intertidal Oyster mapping application Tool – several areas placed in TMDLs recently have few to no shellfish beds! How does the department determine this prioritization and economic need vs cost to improve? Is there a document or process that explains or ranks watersheds for prioritization or listing on “waters of Concern” listings that shows these matrixes besides just the lab data? We are hoping to utilize this to help in our own prioritization processes that we have to undertake and may help us better prepare programs and projects in specific watersheds if we can understand the state’s prioritizations.”

TOMP Response 10:

The comment refers to the first bullet in the list of examples of integration of state water quality programs. The full text of the bullet is as follows:

“Coordinating (SCDHEC’s TMDL program) with SCDHEC’s shellfish program to identify and prioritize impaired and threatened shellfish waters with large stocks of otherwise harvestable shellfish and high potential for public and commercial use;”

As a result of this coordination, a number of waters with large shellfish resources have been prioritized for TMDL development or an alternative restoration strategy. The Department determined the prioritization approach as explained in the Prioritization section (pages 10-13). The Department did not utilize economic need or cost analysis in the prioritization approach. Nor did we use quantitative ranking or matrices for prioritization of Waters of Concern.

In addition to waters with large shellfish stocks, waters where TMDLs were in progress at the time were also prioritized in order to complete the work that had already begun. The comment does not mention which TMDLs, but it is likely that the TMDLs with “few to no shellfish beds” referred to in the comment were already underway when the TMDL priorities were determined. In any case, it should be noted that TMDLs are required for all water on the 303(d) List, regardless of priority ranking.

TOMP Comment 11:

Page 14:

“Priority Rank dates need updating? Has this simply not been updated or are they still wanting to address those that were a priority in the past and not move forward.”

TOMP Response 11:

The priority rank framework was revised in 2016 and this system of ranking aligns with December 2013 guidance from the USEPA promoting a six-year vision for TMDL or alternative restoration plan. The baseline listing cycle for this six-year framework is 2016 and the effectiveness of the vision will be evaluated after the 2022 listing cycle. At that time, a new baseline may be established moving forward.

During the 2018 listing cycle changes have been made to the priorities and changes/updates were made to Appendix E. Updates will occur again during the 2020 listing cycle. It should also be noted that other TMDL efforts are underway statewide that not specifically identified in Appendix E as a priority 2016-2022.

TOMP Comment 12:

Page 47:

“There is a column for NOTE and some have a “*” but this is not defined anywhere that is convenient to understand what this means FOR THIS LIST – please provide information this symbol is also used in the TMDL list – and is defined at the end of the list. The 2016 list used a “#” sign but it was not defined – but needs to – lease define or reference.”

TOMP Response 12:

“*” is defined on page 13 of the assessment methodology as *further investigation planned*. Based on a review of statewide endangered species recognized under the Federal Endangered Species Act (ESA), there may be an aquatic endangered species present at the site identified with a “*” notation. The “*” is only included at monitoring locations with aquatic life impairments identified on the 303(d) list. An ESA review is required during each listing cycle and may be used for TMDL planning/prioritization purposes. The notation does not constitute and binding requirement for the State, nor does it result an additional requirement for regulated stakeholders located near the monitoring site in question.

For the draft 2018 list, there is no “#” notation included. In 2016, the “#” was defined on page 12 of the assessment methodology as *further investigation planned*.

TOMP Comment 13:

Page C-3, Station 09-12 and Station 09B-18:

“This station is being removed from the 303(d) list **for attainment** HOWEVER it is within the Wando TMDL – is the station being delisted from the TMDL as well? – and what is the source document for this – was there an error in data? How does this happen if the TMDL calculated the 51.7% Reduction requirement?

In the 2017 Shellfish report station 09B-18 met attainment standards – if 09B-12 can be delisted – can 09B-18 be delisted as well?”

TOMP Response 13:

Both 09B-12 and 09B-18 do not appear on the draft 2018 303(d) list. Both sites were delisted from the 2016 303(d) list due to both standard attainment and the presence of an approved TMDL for FC bacteria. 09B-18 was initially not included in Appendix C as a site delisted due to standard attainment. The correction has been made to Appendix C prior to submitting the 2018 IR package to the USEPA Region 4.

TOMP Comment 14:

Appendix D, Sites located Within a TMDL Watershed:

“If sites are being added “within an approved TMDL area” – does this mean that stations are being added to the TMDL? – is there supporting data. Our understanding is that the TMDL would have to be re-written to add stations – is the agency adding stations to the TMDL though this action? There may be other factors/ sources that should be reviewed publicly (as in the TMDL drafting process) (also on page D-24 * Note WnTMDL=Site became impaired after original TMDL effort and is covered under an approved TMDL.”

TOMP Response 14:

As TMDL calculations are completed, the associated TMDL watershed boundary is also delineated to determine the potential pollutant sources of the pollutant(s) of concern. The TMDL watershed represents the area associated with impaired locations at the time of TMDL development. Because DHEC continues to monitor and assess all sites statewide every two years, there may be additional impaired sites that fall within an existing TMDL watershed area. The Department believes that the TMDL watershed area already covers any subsequent monitoring site determined to be impaired for the pollutant of concern during a future listing cycle. The TMDL watershed boundaries, TMDL calculations and percent reductions assigned to the sites in the USEPA-approved TMDL document are applicable to any new locations as described above. This approach only applies to sites where monitoring data being assessed during a subsequent listing cycle.

Sites that become impaired at a later date and are already captured within an existing TMDL area are identified during each 303(d) listing cycle with the designation “WnTMDL”. Since there are already TMDL calculations and percent reductions within the established TMDL watershed boundary, the Department does not believe it necessary to revise an USEPA-approved TMDL document to include those sites. Instead, the TMDL and percent reduction assigned to the relevant monitoring location in the approved TMDL document may be assigned to current and future “WnTMDL” locations.

It is important to note that an existing TMDL watershed boundary would *NOT* be revised without revising a TMDL document and allowing public input on revised boundaries, the pollutant source inventory, TMDL calculations or percent reductions. TMDL watershed boundaries are not expanded or reduced through the approach for “WnTMDL” sites as outlined in the preceding paragraph. In effect, the approach does not result in a change in responsibilities to regulated continuous and non-continuous dischargers.

TOMP Comment 15:

Appendix D, Sites located Within a TMDL Watershed:

“There is a change from the 2016 TMDL appendix B (appendix references were changed from B in 2016 to D in 2018) the column for Use Support has been removed – why? – we have been asked by DHEC permit staff to refer to this section in drainage reports for areas in a TMDL and provide this information in construction plan documents – what will we use in the future? This was a helpful column and should be provided.”

TOMP Response 15:

The referenced Use Support column has been removed from the TMDL Appendix D of the IR package in 2018. The appendix only represents a snapshot of the complete list USEPA-approved of TMDLs during the listing cycle. The Appendix has never been intended to be used for the purpose of completing Construction or Industrial (IGP) NOIs or for reviewing a complete list of TMDLs. Information in Appendix D is not updated between listing cycles.

The Use Support column is included in the complete list of TMDLs that is hosted on the SCDHEC website. The complete TMDL list has been hosted on the website for at least 12 years and is referenced

in the Construction NOI application. The complete TMDL list is updated each time a TMDL document is approved by the USEPA. The use support column is updated every listing cycle. It is also important to note that the information in the Department's Water Quality Information Tool is also updated each time a TMDL document is approved by the USEPA. The complete list of TMDLs and the Water Quality Information Tool are recommended by the Department for completing Construction and IGP NOIs.

Water Quality Information Tool: <https://gis.dhec.sc.gov/water/stormwater.html>

Sites Covered Under an Approved TMDL and Corresponding WQ Attainment Status:
https://www.scdhec.gov/sites/default/files/media/document/tmdl_08sites.pdf

TOMP Comment 16:

Appendix D, Sites located Within a TMDL Watershed:

“Station that have several years of attainment status should be recognized and identified by the agency the TMDL should be re-written to remove stations if they have attainment data. Removing the attainment information and not de-listing stations from a TMDL or having a list creates confusion and does not recognize the successful efforts to improve water quality.”

TOMP Response 16:

See TOMP Response 15.

Once a TMDL is developed for a pollutant of concern, the calculation and supporting document remain in place and do not “expire”. TMDLs documents may be revised, as deemed necessary, and use support attainment status is reevaluated every two years if there are additional monitoring data available. With over 1000 sites impaired statewide for at least one parameter of concern, the Department must prioritize resources accordingly. TMDL efforts are currently underway address a number of impaired waterbodies but revising existing TMDLs is less of a priority at the current time. Several years of attainment at a water quality monitoring site does not necessarily result in the need to recalculate a TMDL. In fact, the long-term attainment status demonstrates that the TMDL targets are being achieved through wasteload and load allocations that are prescribed in the TMDL document.

TOMP Comment 17:

Appendix D, Sites located Within a TMDL Watershed:

“If SCDHEC is moving waterbody status to the GIS water Quality Tool? – the stations on this are different than the watershed atlas tool – it is confusing~ if data will be dropped from the report then we need only one map source!”

TOMP Response 17:

For the purposes of responding to the comment, it is assumed that *waterbody status* also means *use support attainment status*. Use support attainment status is updated in both the Watershed Atlas Tool and the Water Quality (WQ) Information tool every two years. There should be no inconsistency between the two tools; both tools currently have use support information for the 2016 listing cycle included. Once the 2018 303(d) list is approved by USEPA Region 4, the use support information will be updated in each online tool.

Use support attainment status for all TMDL sites may be accessed either through the following link https://www.scdhec.gov/sites/default/files/media/document/tmdl_08sites.pdf or the Watershed Atlas Tool. There should be no inconsistency between either information source. There has been internal discussion within the Department regarding the ability to upload the use attainment support information in the WQ Information Tool. Unfortunately, the Department is unable to upload this information into the WQ Tool at this time.

The complete list of TMDLs and the Water Quality Information Tool are recommended by the Department for completing Construction and IGP NOIs. The WQ Tool was originally designed for this purpose in mind and the information included is limited for that purpose.

Water Quality Information Tool: <https://gis.dhec.sc.gov/water/stormwater.html>

Sites Covered Under an Approved TMDL and Corresponding WQ Attainment Status: https://www.scdhec.gov/sites/default/files/media/document/tmdl_08sites.pdf

The Watershed Atlas Tool was designed for a wide range of purposes amongst stakeholders. This application brings 90 layers of the Agency's most current and comprehensive watershed and water quality information into a user-friendly, statewide application. This searchable atlas includes watershed boundaries and descriptions; Bureau of Water permits and advisories; public water supply; water quality monitoring stations and assessments; water classifications; floodplains; National Wetland Inventory; county parcels; National Land Cover Data; Municipal Separate Storm Sewers (MS4s); TMDLs; and more. As earlier stated, the WQ Information Tool is recommended for the purpose of completing a Notice of Intent (NOI) for construction activities or coverage under the industrial stormwater general permit.

TOMP Comment 18:

Appendix B:

“Why is ‘Water of concern’ listed as a note when it is the title of the table? Why are they concerned would make more sense. Please list the reason for listing.”

TOMP Response 18:

The Waters of Concern (WOC) included in Appendix B can also be referred to as “unconfirmed impairments” that could be listed as impaired in 2020. WOC are not confirmed aquatic life impairments due to Cd, Cu, or Pb. At the time of TMDL development, a source characterization of potential sources will be conducted and included in the TMDL document.

The Remark column is included in the WOC list to remind the reader this is *not* the actual list of impaired waters.

A technical document has been developed in response to most comments regarding lead (Pb). This includes the 169 Pb WOC. Please see *A Review of Lead in Surface Waters*. SCDHEC Technical Document 003-2020. Available at:

https://www.scdhec.gov/sites/default/files/media/document/final_Pb_report_w_annexes_jan_2020.pdf

United States Environmental Protection Agency (USEPA)

“There appears to be three waters on the 2016 303(d) list that are not on the 2018 303(d) or in appendix C (delisted) or appendix D (TMDL approved). Any waters on the 2016 303 (d) list should be accounted for in some way. These waters and their cause are:”

USEPA Comment 1:

“RO-14357 was listed for dissolved oxygen, but is only mentioned under restoration priorities.”

USEPA Response 1:

Site RO-14357 is not supported due to dissolved oxygen (DO) and was erroneously excluded from the draft 2018 303(d) list of impaired waters. The site/pollutant has been added to the list before a final draft was submitted to the USEPA for final approval.

USEPA Comment 2:

“RS-04364 was listed for biology.”

USEPA Response 2:

RS-04364 BROAD MOUTH CREEK AT BRIDGE ON CO RD S-04-265 (ROCKY FORD ROAD) 3.5 MI NNW OF HONEA PATH was included on the final 2016 303(d) list due to BIO. The same location was also listed due to BIO as site S-979 in 2016. The duplicate listings have been corrected during the 2018 listing cycle. Beginning in 2018 and until site-specific data demonstrates the impairment no longer exists, the site will remain on the list due to BIO as site S-979 BROAD MOUTH CREEK AT BRIDGE ON CO RD S-04-265 (ROCKY FORD ROAD) 3.5 MI NNW OF HONEA PATH.

USEPA Comment 3:

“RS-05399 was listed for E. Coli on the 2016 303 (d) list. Going by the description field it appears that RS-05399 is now ST-536, which is listed for E. Coli on the 2018 303(d). Please confirm whether RS-05399 has been redesignated.”

USEPA Response 3:

RS-05399 BENNETTS BRANCH AT S-14-351 11.5 MI SSE OF MANNING was included on the final 2016 303(d) list due to ECOLI. The same location was also listed due to BIO and identified as site ST-536 in 2016. The duplicate site IDs have been corrected during the 2018 listing cycle. Beginning in 2018 and until site-specific data demonstrates the impairments no longer exist, the site site ST-536 BENNETTS BRANCH AT SR 351 will remain on the list due to ECOLI and due to BIO.

Other Amendments to the State of South Carolina Integrated Report Part for 2018 Part I: *Section 303(d) List of Impaired Waters (and associated appendices)*

The following additional amendments were made by the Department to the assessment methodology, draft 2018 303(d) list and associated appendices after the 30-day public comment period. These amendments were not made as a result of written comments received but may have been the result of an error in listing, an approval of an additional TMDL, or a clarification of descriptive information.

Amendment 1:

Appendix G: Sites CRK06, CRK-08, and CRK09 *E. coli* were not originally included in the draft IR Part I package, Appendix E, during the public comment period. The sites/parameter were also erroneously assigned a “Priority Rank 3” on the draft 303(d) list. Sites CRK06, CRK08, and CRK09 are now included as a Congaree-Three Rivers Area Priority 2 on Appendix E, page E-4. The Priority Rank of this location has also been changed to “Priority Rank 2” on the 303(d) list prior to finalization of the IR Part I.

Amendment 2 :

Appendix H; Page H-2, Paragraph 4:

The first sentence was edited to the following: “Total recoverable metals (TRM) criteria are also adjusted to account for solids partitioning in freshwater.”

Amendment 3:

Assessment methodology, Draft 2018 303(d) List and Appendix C; multiple pages:

During their review of the draft 2018 IR and after the 30-day public period, USEPA Region 4 staff questioned if three locations were delisted in error and should remain on the draft 2018 303(d) list due to recreational use *E. coli*. After a review of data and assessment results, the Department agreed that the three locations do *not* meet criteria for delisting and should remain on the draft 2018 303(d) list.

The following three locations have been added to the draft 2018 303(d) list and removed from Appendix C (delisted sites):

PRIORITY RANK	NOTE	BASIN	HUC_12	COUNTY	DESCRIPTION	STATION	USE	CAUSE(S)
3		SANTEE	030501110102	CLARENDON	SPRING CROVE CREEK AT SECONDARY ROAD 26 BRIDGE	SC-009	REC	ECOLI
3		SANTEE	030502010101	BERKELEY	TRIBUTARY 0.6 KM UPSTR OF SC HWY. 6 NEAR CROSS HS	SC-026	REC	ECOLI
3		SANTEE	030502010101	BERKELEY	DUCK POND CREEK AT HWY. 6	SC-034	REC	ECOLI

Amendment 4:

Assessment methodology, Draft 2018 303(d) List and Appendix D; multiple pages:

Site RS-15231 WACCAMAW RIVER AT TODDVILLE LANDING ON WACCAMAW BEND ROAD OFF US 701 has been removed from the draft 2018 303(d) list prior to finalization due to an aquatic life DO impairment. This site/pollutant combination is considered a “WnTMDL” site should not have been included in the initial draft 2018 303(d) list. The site has also been added to Appendix D as a site “Located Within an Approved TMDL Watershed” prior to finalization of the 2018 IR.

Amendment 5:

Assessment methodology, Draft 2018 303(d) List and Appendices D, E; multiple pages:

TMDLs have been developed and approved by the USEPA for a total of ten sites and thirteen pollutants since the public comment period for the initial draft list. The following sites/pollutants have been removed from the draft 2018 303(d) list, updated in Appendix E (restoration priorities) prior to finalization. The locations have also been added to Appendix D (sites with approved TMDLs):

BASIN	12-DIGIT HUC	DESCRIPTION	STATION	COUNTY	USE	CAUSE	USE SUPPORT 2018	TMDL*	DHEC TECH REPORT	APPROVAL DATE
EDISTO	30502050105	GOODBYS SWAMP AT US 176 6 M SW OF ELLOREE	RS-01036	ORANGEBURG	REC	ECOLI	Not Supported	InTMDL	010-2020	3/13/2020
EDISTO	30502050108	FOUR HOLE SWAMP AT SC 210	E-111	ORANGEBURG	REC	ECOLI	Not Supported	InTMDL	010-2020	3/13/2020
EDISTO	30502050108	UNNAMED TRIBUTARY TO FOUR HOLE SWAMP AT CO RD S-38-92 5.5 MI NE OF BOWMAN	RS-04537	ORANGEBURG	REC	ECOLI	Not Supported	InTMDL	010-2020	3/13/2020
EDISTO	30502050108	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	ECOLI	Not Supported	InTMDL	010-2020	3/13/2020
EDISTO	030502050201	SANDY RUN AT CEMENT BRIDGE ROAD OFF GROOMS STREET	E-115	ORANGEBURG	REC	ECOLI	Not Supported	InTMDL	1101-19	10/3/2019
EDISTO	030502050202	DEAN SWAMP AT US 176	E-030	ORANGEBURG	REC	ECOLI	Not Supported	InTMDL	1101-19	10/3/2019
SANTEE	030502010605	JAMES ISLAND CREEK 1 - SOUTH SIDE, CENTER OF HARBOR VIEW RD. BRIDGE	JIC1	CHARLESTON	REC	ENTERO	Not Supported	InTMDL	002-2020	1/2/2020
SANTEE	030502010605	JAMES ISLAND CREEK 2 - END OF OAK POINT DRIVE DOCK (PRIVATE ACCESS)	JIC2	CHARLESTON	REC	ENTERO	Not Supported	InTMDL	002-2020	1/2/2020
SANTEE	030502010605	JAMES ISLAND CREEK N OF WHITE HALL PLANTATION	RT-052098	CHARLESTON	REC	ENTERO	Not Supported	InTMDL	002-2020	1/2/2020
SANTEE	030502010707	SHEM CK AT BRDG ON US 17	MD-071	CHARLESTON	REC	ENTERO	Not Supported	InTMDL	001-2020	1/2/2020
SANTEE	030502010707	SHEM CREEK 1 - SOUTHWEST END OF FLOATING DOCK AT SHEM CREEK PARK	SC1	CHARLESTON	REC	ENTERO	Not Supported	InTMDL	001-2020	1/2/2020
SANTEE	030502010707	SHEM CREEK 2 - END OF DOCK AT SHEM CREEK PUBLIC BOAT LANDING	SC2	CHARLESTON	REC	ENTERO	Not Supported	InTMDL	001-2020	1/2/2020
SANTEE	030502010707	SHEM CREEK 3 - END OF SEA GULL DRIVE DOCK (PRIVATE ACCESS)	SC3	CHARLESTON	REC	ENTERO	Not Supported	InTMDL	001-2020	1/2/2020

Table 1 of the assessment methodology has been updated to include new summary numbers for bacteria and DO.

Category	Total Impairments	Lakes	Streams	Estuaries	Shellfish Waters	Beaches
Bacteria	349	5	149	65	116	14
Nutrients, pH, DO	197	197				
Fish Tissue Hg and PCBs	190		190			
Macroinvertebrates	170		170			
Dissolved Oxygen	142		108	34		
Turbidity	92	13	16	63		
Metals	47	5	33	9		
pH	45		40	5		
Ammonia Toxicity	5	1	3	1		

Addendum Draft South Carolina 2018 303(d) List (January 27, 2020)

Comments were received from the following:

Anderson County Stormwater (ACS)
City of Columbia Water (COC)
Greenville County (GC)
Oconee Joint Regional Sewer Authority (OJRSA)
Palmetto Consulting Engineering Group, Inc. (PCEG)
Richland County Stormwater (RCSW)
South Carolina Department of Transportation (SCDOT)

Anderson County Stormwater (ACS), Oconee Joint Regional Sewer Authority (OJRSA), and Palmetto Consulting Engineering Group (PCEG)

ACS, OJRSA, PCEG Addendum Comment 1:

“From the November 2018 release of the Draft 2018 303(d) list until the January 2020 list, SCDHEC decided to switch from using a partitioning coefficient from the 1984 EPA guidance document to a partitioning coefficient that is used by the Bureau of Water Facilities Permitting staff in developing NPDES permit limits (point source discharges). However, the cited EPA documents (Prothro 1993 & 1996 - EPA 823-B-96-007) point out that site specific partitioning coefficients should be discovered for each metal.”

Question: Did SCDHEC develop partitioning coefficients for each site? What is determined as a site by the EPA and by SCDHEC?”

ACS, OJRSA, PCEG Addendum Response 1:

The Department has not developed site specific partitioning coefficients. The term “site” is not defined in the Department’s regulations. Within the context of Prothro’s 1993 memorandum a “site” may be interpreted as any stream that has the same physical and chemical characteristics. The memo Prothro states, “The site-specific nature of this issue could be perceived as requiring a permit-by-permit approach to implementation. However, we believe that this guidance can be effectively implemented on a broader level, across any waters with roughly the same physical and chemical characteristics, and recommend that we work with the States with that perspective in mind.”

ACS, OJRSA, PCEG Addendum Comment 2:

“Many toxic substances, including metals, have a tendency to leave the dissolved phase and attach to suspended solids.

Question: What are the partition coefficients for each metal that SCDHEC uses partitioning equations for? Are they state or site specific (see question above)? Why are these not published in 61-68?”

ACS, OJRSA, PCEG Addendum Response 2:

During the 2019 Triennial Review the Department proposed the addition of Attachment 4 to Regulation 61-68. The purpose of Attachment 4 is to detail the process the Department uses for the calculation of the sample specific freshwater acute and chronic criterion for metals. Included in the attachment are the equations and coefficients the Department uses as well as the assumptions for instream TSS concentrations. The Department has proposed this attachment based on EPA's *The Metals Translator: Guidance For Calculating A Total Recoverable Permit Limit From A Dissolved Criterion*, EPA 823-B-96-007.

There is not a single partitioning coefficient for each metal. Rather the partitioning coefficient is a translator for the fraction of the total recoverable metal that is bound to adsorbents in the water column, i.e. TSS. The 1996 EPA guidance referenced previously provides the equation to determine the partitioning coefficient as $K_P = K_{PO} \times (TSS_b)^\alpha$ where KP has units of L/kg and TSS_b is the in-stream total suspended solids concentration in mg/l. Parameters for default partition coefficient estimation equations K_{PO} and α are provided in the same EPA guidance and shown in the table below.

Metal	Lakes		Streams	
	K _{PO}	α	K _{PO}	α
Cadmium	3.52E+06	-0.9246	4.00E+06	-1.1307
Chromium III	2.17E+06	-0.2662	3.36E+06	-0.9304
Copper	2.85E+06	-0.9000	1.04E+06	-0.7436
Lead	2.0E+06	-0.5337	2.80E+06	-0.8
Nickel	2.21E+06	-0.7578	4.90E+05	-0.5719
Zinc	3.34E+06	-0.6788	1.25E+06	-0.7038

The partitioning coefficients are not state specific nor are they site specific. Instead they are used across lakes and streams in accordance with both the 1993 Prothro memo and the 1996 EPA guidance.

The DHEC Board has approved these regulation revisions, however the changes are currently not in effect. The revisions are currently being reviewed by the State Legislature. Following this legislative review, the EPA must review the proposed revisions. The regulation revisions will become effective following EPA's review and approval.

ACS, OJRSA, PCEG Addendum Comment 3:

"Question: When determining the partitioning coefficient used by the SCDHEC Bureau of Water, was the study performed during a low-flow period of the year, as recommended by EPA 1996 guidance document for calculating a total recoverable permit limit from a dissolved criterion (823-B-96-007)?"

ACS, OJRSA, PCEG Addendum Response 3:

The Department has not developed site specific partitioning coefficients, but is adopting into regulation the EPA 1996 partitioning coefficients in the 2019 triennial review of Regulation 61-68, *Water Classifications & Standards*. Flow is not necessary for assessing ambient data against concentration-based criteria.

ACS, OJRSA, PCEG Addendum Comment 4:

“Question: In the released addendum, SCDHEC has relied upon partitioning coefficients developed in a 1984 document. Why would SCDHEC use partitioning coefficients from 1984 when the Prothro 1993 document states in Attachment #3, “However, these [partitioning coefficient] values are suspect due to possible quality assurance problems with the data used to develop the values.”?”

ACS, OJRSA, PCEG Addendum Response 4:

The Department has not developed site specific partitioning coefficients, but is adopting into regulation the EPA 1996 partitioning coefficients in the 2019 triennial review of Regulation 61-68, *Water Classifications & Standards*. Previously the Department considered partitioning coefficients from EPA’s 1984 guidance, however the Department now considers partitioning coefficients from EPA’s 1996 guidance.

ACS, OJRSA, PCEG Addendum Comment 5:

“Question: Why did SCDHEC adjust the 2018 303(d) list by revising the metals calculation in January 2020 when the assessment of the water quality is due to the EPA April 1, 2020 (40 CFR Part 130)?”

ACS, OJRSA, PCEG Addendum Response 5:

The Department was developing responses to comments received for the initial draft 303(d) list (advertised November 5, 2018 – December 5, 2018) when it was determined that there was an inconsistency with the coefficients used between NPDES permitting and 303(d) assessment (calculations based on 1984 EPA guidance versus 1996 EPA guidance). The Department completed the companion technical document to address most of the comments received pertaining to Lead (Pb) after the oversight was recognized. Since there was already a delay with completing the final 2018 IR package for submittal to the USEPA for final approval, the Department believed that there was an opportunity to address the inconsistency prior to completing the 2018 IR submittal package. The 303(d) list addendum (advertised January 27, 2020 – February 26, 2020) also allowed the opportunity for the public at large to review the changes to the list prior to finalization. Obviously, the Department did not meet the goal of submitting the final 2018 IR package to the USEPA by April 1, 2018 but anticipates completing the process in the near future.

Drafting the 2020 303(d) list is a separate assessment process that has already commenced. An identical approach for evaluating metals data during the 2018 IR reporting cycle will be used to complete the 2020 IR submittal package. 2016-2018 metals data will be assessed. At this time, the Department does not anticipate having an initial draft 2020 303(d) list available for public review by April 1, 2020; consequently, there will be a delay with completing the final 2020 IR package for submittal to the USPEA.

ACS, OJRSA, PCEG Addendum Comment 6:

“Question: Has the funding for stream biological assessment increased after the state determined, over 10 years ago, that the aquatic life use may be affected by metal concentrations? If funding has increased, how many additional sites are being sampled?”

ACS, OJRSA, PCEG Addendum Response 6:

In July 2010, the Department's statewide macroinvertebrate (BIO) sampling program was suspended due to resource constraints. There was no BIO sampling conducted beginning that time and through 2012. Macroinvertebrate sampled resumed again in 2013, returning to prior funding levels. The Department currently samples approximately 63 locations statewide supplemented by some special studies each year.

ACS, OJRSA, PCEG Addendum Comment 7:

“Successful application of the linear partitioning equation relies on the selection of the partition coefficient. The use of a partition coefficient to represent the degree to which toxins adsorb to solids is most readily applied to organic pollutants; partition coefficients for metals are more difficult to define. Metals typically exhibit more complex speciation and complexation reactions than organics, and the degree of partitioning can vary greatly depending upon site-specific water chemistry. Estimated partition coefficients can be determined for a number of metals, but waterbody or site-specific observations of dissolved and adsorbed concentrations are preferred.

Question: As stated in South Carolina’s Regulation 61-68, they [these regulations] establish the general rules and specific numeric narrative criteria for protecting classified and existing water uses and establish procedures for classifying waters of the State. While SCDHEC intends to utilize EPA methodology, as mentioned in E.14.d.(3), to determine if samples collected contravene the state water quality standard for specific metals, shouldn’t the approved method and the partitioning coefficient that is used in that calculation be published in 61-68, so that permittees who may be required to sample follow the same methods?”

ACS, OJRSA, PCEG Addendum Response 7:

During the 2019 Triennial Review the Department proposed the addition of Attachment 4 to Regulation 61-68. The purpose of Attachment 4 is to detail the process the Department uses for the calculation of the sample specific freshwater acute and chronic criterion for metals. Included in the attachment are the equations and coefficients the Department uses as well as the assumptions for instream TSS concentrations. The Department has proposed this attachment based on EPA’s *The Metals Translator: Guidance For Calculating A Total Recoverable Permit Limit From A Dissolved Criterion*, EPA 823-B-96-007.

The DHEC Board has approved these regulation revisions, however the changes are currently not in effect. The revisions are currently being reviewed by the State Legislature. Following this legislative review, the EPA must review the proposed revisions. The regulation revisions will become effective following EPA’s review and approval.

ACS, OJRSA, PCEG Addendum Comment 8:

“According to the Fiscal Impact Statement in the Appendix of the November 7, 2019 Amendments to R. 61-68, Water Classification and Standards, Document No. 4887, “No costs to the State or significant cost to its political subdivisions as a whole should be incurred by these amendments.” This addendum to the

2018 303(d) list will result in numerous listed Waters of Concern that will ultimately lead to TMDLs for the respective metals. SCDOT (state) and all NPDES regulated MS4s (political subdivisions) will have to monitor and develop TMDL implementation plans to be compliant with their NPDES permits. These activities will cost the collective permittees millions of dollars.

Question: How can these changes be made to the 303(d) list in light of SCDHEC making this statement?"

ACS, OJRSA, PCEG Addendum Response 8:

The amendments to R.61-68, Water Classification and Standards, Document No. 4887, that were recently submitted to the South Carolina General Assembly for review, included updated Federal guidance (The Metals Translator: Guidance For Calculating A Total Recoverable Permit Limit From A Dissolved Criterion, EPA 823-B-96-007) to be used for calculating acute and chronic criterion for metals. This guidance had long been used to calculate permit limits for NPDES wastewater dischargers. Since the update to the regulations simply incorporates existing practices and the updated Federal guidance, the Department believes that no significant costs would be incurred by the amendments. Furthermore, the assessment of waters for purposes of developing the 303(d) List of Impaired Waters is performed in accordance with an assessment methodology approved by the USEPA.

City of Columbia Water (COC), Greenville County (GC), Richland County Stormwater (RC), South Carolina Department of Transportation (SCDOT)

COC, GC, RC, SCDOT Addendum Comment 1:

"After the November 5, 2018 release of the Draft 2018 303(d), SCDHEC decided to switch from using a partitioning coefficient from the 1984 EPA guidance document to a partitioning coefficient provided by the EPA in, "The Translator: Guidance For Calculating A Total Recoverable Permit Limit From A Dissolved Criterion, EPA 823-B-96-007 (EPA 1996). It appears this change in partitioning coefficient used by SCDHEC added many sites for Cadmium and some sites for Lead onto the 2018 303d List through the Addendum. The EPA 1996 guidance states that:

EPA encourages that site-specific data be generated to develop site-specific partition coefficients (translators), and use of translators based on EPA's old data (as published in USEPA, 1984 and presented in Table 3 below) be phased out..."

The cited EPA documents (Prothro 1993 & EPA 1996) point out that site-specific partitioning coefficients should be determined as a site-specific parameter for each metal."

COC, GC, RC, SCDOT Addendum Response 1:

The EPA guidance encourages states, but does not require them to develop site specific partitioning coefficients. The 1996 partitioning coefficients have been used for several years for setting NPDES permit limits and the change for the addendum assessment was to align the ambient data assessment with the permitting procedures. Determining site-specific partitioning coefficients for every stream reach or every NPDES permit is cost prohibitive for the Department. The partitioning coefficients currently in use have been included in the 2019 triennial review of Regulation 61-68, *Water Classifications & Standards*. The Department has not developed site specific partitioning coefficients. Within the context of Prothro's 1993 memorandum a site may be interpreted as any stream that has the same physical and chemical

characteristics. In the memo Prothro states, “The site-specific nature of this issue could be perceived as requiring a permit-by-permit approach to implementation. However, we believe that this guidance can be effectively implemented on a broader level, across any waters with roughly the same physical and chemical characteristics, and recommend that we work with the States with that perspective in mind.” If permittees desire site-specific partitioning coefficients they are encouraged to develop a QAPP to collect and analyze the data deemed necessary by the Department for them to propose a site-specific partitioning coefficient. Any site-specific changes would require changes to R. 61-69, *Classified Waters* and require following the Administrative Procedure Act for changing State regulation.

COC, GC, RC, SCDOT Addendum Comment 2:

“Now more than two decades after these EPA guidance documents were published, for valid results, SCDHEC must develop partitioning coefficients for each site, before listing a site for metals as waters of concern (WOC) or impaired.”

COC, GC, RC, SCDOT Addendum Response 2:

The EPA 1996 guidance encourages but does not require site-specific partitioning coefficients. The partitioning coefficients that have been in use for several years for NPDES permitting were used for the reassessment of the ambient lead data for the addendum. These partitioning coefficients have been included in 2019 triennial review of Regulation 61-68, *Water Classifications & Standards*.

The SCDHEC Board has approved these regulation revisions, however the changes are currently not in effect. The revisions are currently being reviewed by the State Legislature. Following this legislative review, the USEPA must review the proposed revisions. The regulation revisions will become effective following the USEPA’s review and approval.

COC, GC, RC, SCDOT Addendum Comment 3:

“Additionally, when determining a partitioning coefficient to be used by the SCDHEC Bureau of Water, samples should be collected during low-flow periods, as recommended by EPA 1996 guidance document for calculating a total recoverable permit limit from a dissolved criterion. It appears that SCDHEC does not collect flow information when it collects surface water samples for metals and thus does not know what flow conditions were present. Such lack of information would invalidate samples for determining partitioning coefficients and inclusion as WOC or impaired sites.”

COC, GC, RC, SCDOT Addendum Response 3:

SCDHEC is not developing site-specific partitioning coefficients but is adopting into regulation the EPA 1996 partitioning coefficients in the current triennial review of R. 61-68, *Water Classifications & Standards*. Flow is not necessary for assessing ambient data against concentration-based criteria.

COC, GC, RC, SCDOT Addendum Comment 4:

“SCDHEC has reviewed the quality of its lead analyses in its, “A Review of Lead in Surface Waters, BOW, SCDHEC, Jan 2020 (SCDHEC Lead 2020); however, no similar review of cadmium data quality has been performed. In spite of this lead analysis quality review, in the released addendum, SCDHEC has still relied upon partitioning coefficients developed in a 1996 document. Use by SCDHEC partitioning coefficients from a standard table over two-decades-old does not appear sufficient when the Prothro 1993 and EPA 1996 documents state that site-specific data should be used to develop partition coefficients.”

COC, GC, RC, SCDOT Addendum Response 4:

Neither document “requires” site-specific partitioning coefficients. The EPA 1996 guidance encourages but does not require site-specific partitioning coefficients. Prothro says “The site-specific nature of this issue could be perceived as requiring a permit-by-permit approach to implementation”. However, we believe that this guidance can be effectively implemented on a broader level, across any waters with roughly the same physical and chemical characteristics, and recommend that we work with the States with that perspective in mind. SCDHEC is not developing site-specific partitioning coefficients but is adopting into regulation the EPA 1996 partitioning coefficients in the current triennial review of R. 61-68, *Water Classifications & Standards*.

COC, GC, RC, SCDOT Addendum Comment 5:

“It does not appear appropriate for SCDHEC to currently be adjusting the 2018 303(d) list by revising the metals calculation in January 2020, when a new assessment of the water quality, based on 2016-2019 data is due to the EPA on April 1, 2020.”

COC, GC, RC, SCDOT Addendum Response 5:

The Department was developing responses to comments received for the initial draft 303(d) list (advertised November 5, 2018 – December 5, 2018) when it was determined that there was an inconsistency with the coefficients used between NPDES permitting and 303(d) assessment (calculations based on 1984 EPA guidance versus 1996 EPA guidance). The Department completed the companion technical document to address most of the comments received pertaining to Lead (Pb) after the oversight was recognized. Since there was already a delay with completing the final 2018 IR package for submittal to the USEPA for final approval, the Department believed that there was an opportunity to address the inconsistency prior to completing the 2018 IR submittal package. The 303(d) list addendum (advertised January 27, 2020 – February 26, 2020) also allowed the opportunity for the public at large to review the changes to the list prior to finalization. Obviously, the Department did not meet the goal of submitting the final 2018 IR package to the USEPA by April 1, 2018 but anticipates completing the process in the near future.

Drafting the 2020 303(d) list is a separate assessment process that has already commenced. An identical approach for evaluating metals data during the 2018 IR reporting cycle will be used to complete the 2020 IR submittal package. 2016-2018 metals data will be assessed. At this time, the Deartment does not anticipate having an initial draft 2020 303(d) list available for public review by April 1, 2020; consequently, there will be a delay with completing the final 2020 IR package for submittal to the USPEA.

COC, GC, RC, SCDOT Addendum Comment 6:

“Has the funding for stream biological assessment increased after the state determined, over ten years ago, that the aquatic life use may be affected by metal concentrations? If funding has increased, how many additional sites are being sampled?”

COC, GC, RC, SCDOT Addendum Response 6:

In July 2010, the Department's statewide macroinvertebrate (BIO) sampling program was suspended due to resource constraints. There was no BIO sampling conducted beginning that time and through 2012. Macroinvertebrate sampled resumed again in 2013, returning to prior funding levels. The

Department currently samples approximately 63 locations statewide supplemented by some special studies each year.

COC, GC, RC, SCDOT Addendum Comment 7:

“According to the Fiscal Impact Statement in the Appendix of the November 7, 2019 Amendments to R. 61-68, Water Classification and Standards, Document No. 4887, “No costs to the State or significant cost to its political subdivisions as a whole should be incurred by these amendments.” [Emphasis added]. This addendum to the 2018 303(d) list will result in numerous listed Waters of Concern that will ultimately lead to TMDLs for the respective metals. SCDOT (state) and all NPDES regulated MS4s (political subdivisions) will be required to monitor and develop TMDL implementation plans to be compliant with their NPDES permits. These activities will cost the collective permittees millions of dollars. Thus, the statement issued as a part of the Addendum that “no costs to the State” or “no significant costs to its political subdivisions” is not accurate.”

COC, GC, RC, SCDOT Addendum Response 7:

The amendments to R.61-68, Water Classification and Standards, Document No. 4887, that were recently submitted to the South Carolina General Assembly for review, included updated Federal guidance (The Metals Translator: Guidance For Calculating A Total Recoverable Permit Limit From A Dissolved Criterion, EPA 823-B-96-007) to be used for calculating acute and chronic criterion for metals. This guidance had long been used in to calculate permit limits for NPDES wastewater dischargers. Since the update to the regulations simply incorporates existing practices and the updated Federal guidance, the Department believes that no significant costs would be incurred by the amendments. Furthermore, the assessment of waters for purposes of developing the 303(d) List of Impaired Waters is performed in accordance with an assessment methodology approved by the USEPA.

Additional Richland County Comments

Regarding DHEC Technical Document 003-2020 “A Review of Lead in Surface Waters”:

RC Addendum Comment 8:

“On page four of the document under section 2, a “significant increase in the number of freshwater locations that exceeded the chronic aquatic life criterion for lead” was observed in 2012. This was followed in 2014 with “the number of sample results greater than the reporting limit for lead in the ambient stream samples decreased significantly.” According to the document “Due to this declining trend ... it was decided to remove lead from the assessment while the reason for this observed trend was investigated.” This investigation was never referenced in this document, nor were any explanations given as to the significant increase and decrease in lead results between the years 2008 and 2012. This should be addressed in order to validate the results over this time period.”

RC Addendum Response 8:

SCDHEC laboratory QA and QC review showed all Pb data met their requirements, all data were reported as valid results. The increase in lead exceedances was due solely to the reporting limit change. No explanation was found for the decrease.

RC Addendum Comment 9:

"Page six of the document discusses sample acquisition evaluation, but does not state that any determination was made regarding the differences in methodologies. It appears that no results were gathered during this QA/QC activity. Further discussion of the results of this evaluation should be included to assure the quality of any and all sampling methodology used for 303 (d) listing for lead."

RC Addendum Response 9:

Page five of the document states that for the first study, "All lead analyses were less than the RL of 2 µg/L." On page six, the document states that "all lead results were less than the RL of 2 µg/L." All analyses by any collection were below reporting limits.

RC Addendum Comment 10:

"Pages nine and ten of the document discuss the partitioning coefficient described in the comments above. The two coefficients used by SCDHEC are an order of magnitude different, and no reasoning was given as to why this number was changed between the initial 2018 303 (d) and the January 2020 amended version."

RC Addendum Response 10:

There is not a single partitioning coefficient for lead. Rather the partitioning coefficient is a translator for the fraction of the total recoverable metal that is bound to adsorbents in the water column, i.e. TSS. The equation to determine the partitioning coefficient on page 10 of the report is taken from both EPA's 1996 and 1984 guidance. The partitioning coefficient is determined as $K_p = K_{PO} \times (TSS_b)^{\alpha}$ where K_p has units of L/kg and TSS_b is the in-stream total suspended solids concentration in mg/l. The parameters in question, which referenced on page 9 and 10 of the report, are default partition coefficient estimation equations parameters K_{PO} and α .

As referenced in the report, the first set of parameters listed ($K_{PO} = 3.10E+05$, $\alpha = -0.1856$) are given in EPA guidance from 1984. The second set of parameters listed ($K_{PO} = 2.80E+06$, $\alpha = -0.8$ for streams and $K_{PO} = 2.0E+06$, $\alpha = -0.5337$ for impoundments) are given in EPA guidance from 1996. The report states that the data were re-analyzed using the 1996 guidance for partitioning coefficients.

RC Addendum Comment 11:

"Pages ten and eleven reference a "year-long study ... conducted to collect TSS and turbidity data". This study aimed to evaluate the relationship between TSS and turbidity in order to potentially use turbidity as a surrogate measure for TSS. The report suggests that this relationship was not strong enough to use turbidity as a surrogate measurement for TSS. The discussion of this study does not discuss the number of samples collected, the number of sites where samples were collected, or any of the "possible statistical regression approaches" used to invalidate turbidity as a surrogate measurement for TSS. Peer-reviewed literature has been consistent in showing the strong statistical correlation between turbidity and TSS, and any SCDHEC finding to the contrary should be explained in much greater detail."

RC Addendum Response 11:

The study was conducted from May 2016 through April 2017. It included 364 freshwater monitoring sites, both streams and lakes, and produced 2092 total paired sample results. Most sites were sampled bi-monthly, but some were sampled monthly. The data are available for download in the Water Quality Portal. The QAPP is available through a FOIA request.

The SCDHEC Science Advisory Group believed that the TSS/turbidity relationship wasn't strong enough to support penalizing NPDES permittees based on the use of surrogate turbidity data. Thus, in spite of the additional cost and effort, the Department decided to collect actual TSS data in lieu of a surrogate turbidity data.

Additional SCDOT Comments

Regarding DHEC Technical Document 003-2020 “A Review of Lead in Surface Waters”:

Section 6.1.1:

“SCDOT also manages a large, statewide MS4 within the watershed. If there is a TMDL applicable to their discharges, SCDOT must monitor for the pollutant of concern. SCDOT’s current permit is expired and the Department will include provisions in the reissued permit to establish nonnumeric effluent limitations necessary to address lead.”

Section 6.1.2

“NPDES MS4 Stormwater Discharges Currently, the only permittee that would be subject to the WLA identified in the TMDL is SCDOT (NPDES SCS040001). As a statewide MS4 permittee, when there is a TMDL applicable to their discharges, SCDOT must monitor for the pollutant of concern. SCDOT’s current MS4 permit is expired and the Department will include provisions in the reissued permit to establish non-numeric effluent limitations necessary to address lead.”

Section 6.1.3

“SCDOT (NPDES SCS040001) is a statewide MS4 permittee. When there is a TMDL applicable to their discharges, SCDOT must monitor for the pollutant of concern. SCDOT’s current MS4 permit is expired and the Department will include provisions in the reissued permit to establish nonnumeric effluent limitations necessary to address lead.”

SCDOT Addendum Comment 8:

“SCDOT is unaware of evidence that the lead levels exceed the naturally occurring background levels. The pollutant loading above background levels is a significant factor that should be determined prior to establishing monitoring or waste load reduction requirements.”

SCDOT Addendum Response 8:

SCDHEC intends to move forward with developing TMDLs for the locations impaired due to Pb. As we develop the TMDLs, we will gather the data and make this available to stakeholders for review and comment.

SCDOT Addendum Comment 9:

“There is no evidence provided that establishes SCDOT as a contributor to a lead impairment.”

SCDOT Addendum Response 9:

SCDHEC has not begun the process of developing TMDLs for the impaired locations but, as noted above, when we do, we will make this information available for public review and comment.

SCDOT Addendum Comment 10:

“SCDOT has concerns regarding the costs for the state of South Carolina associated with the monitoring activities to meet the conditions referenced in sections 6.1.2 and 6.1.3. The immense financial burden of monitoring must be taken into account before establishing monitoring requirements to determine if the cost/benefit analysis violates the maximum extent feasible criteria and places an undue hardship on the state’s resources.”

SCDOT Addendum Response 10:

As noted above, DHEC will make information available and consider public comments as we develop TMDLs for the impaired location.

Additional Comments Regarding the 2018 303(d) List and Waters of Concern (WOC) After Initial Notice of Availability (November 5, 2018) and Addendum (January 27, 2020)

Comments were received from the following:

United States Environmental Protection Agency (USEPA)

USEPA Comment 1:

“I’ve completed review using the most recent datasets provided and found only one new discrepancy that appears to change an assessment result. There is a group of waters from the 2010-2011 timeframe with data showing instances of two simultaneous lead samples, where one lead sample has hardness and TSS data paired with it and the other does not. In such cases one sample gets compared against calculated daily criteria and the other against default criteria despite being taken on the same day. This matters only in the case of RL-10010 where there are two default criteria exceedances that also exceed the calculated criteria of the day they were collected. Copied from the LeadDatasetSC spreadsheet:

SAMPNO	STAT	DateTime	WBODY	Hardness	PB	TSS	Complete Data	CalcCrit	PB_EXCEED	Year	MaxYear	Pb_Ex_Complete
SCAB32349	RL-10010	4/5/2010 10:40	L	20	0	5.2	YES	2.9	NotEx	2010	2010	NotEx
AC70143	RL-10010	4/5/2010 10:40	L		6.7		NO	1.6	Exceed	2010	2010	Incomplete_Exceed
AC75212	RL-10010	7/21/2010 8:59	L		4.2		NO	1.6	Exceed	2010	2010	Incomplete_Exceed
SCAB41120	RL-10010	7/21/2010 8:59	L	17	0	5.2	YES	2.9	NotEx	2010	2010	NotEx

Can you tell us if these simultaneous samples are actually separate samples or the same sample separately reported? Any additional information you find relevant about the samples or station is welcome.”

SCDHEC Response 1:

It appears that these are simultaneous samples collected by Santee Cooper and analyzed and reported separately by Santee Cooper and SCDHEC labs. It is not clear at this time why Santee Cooper would have sent these samples to SCDHEC lab for additional analysis since Santee Cooper lab was certified for Pb in 2010.

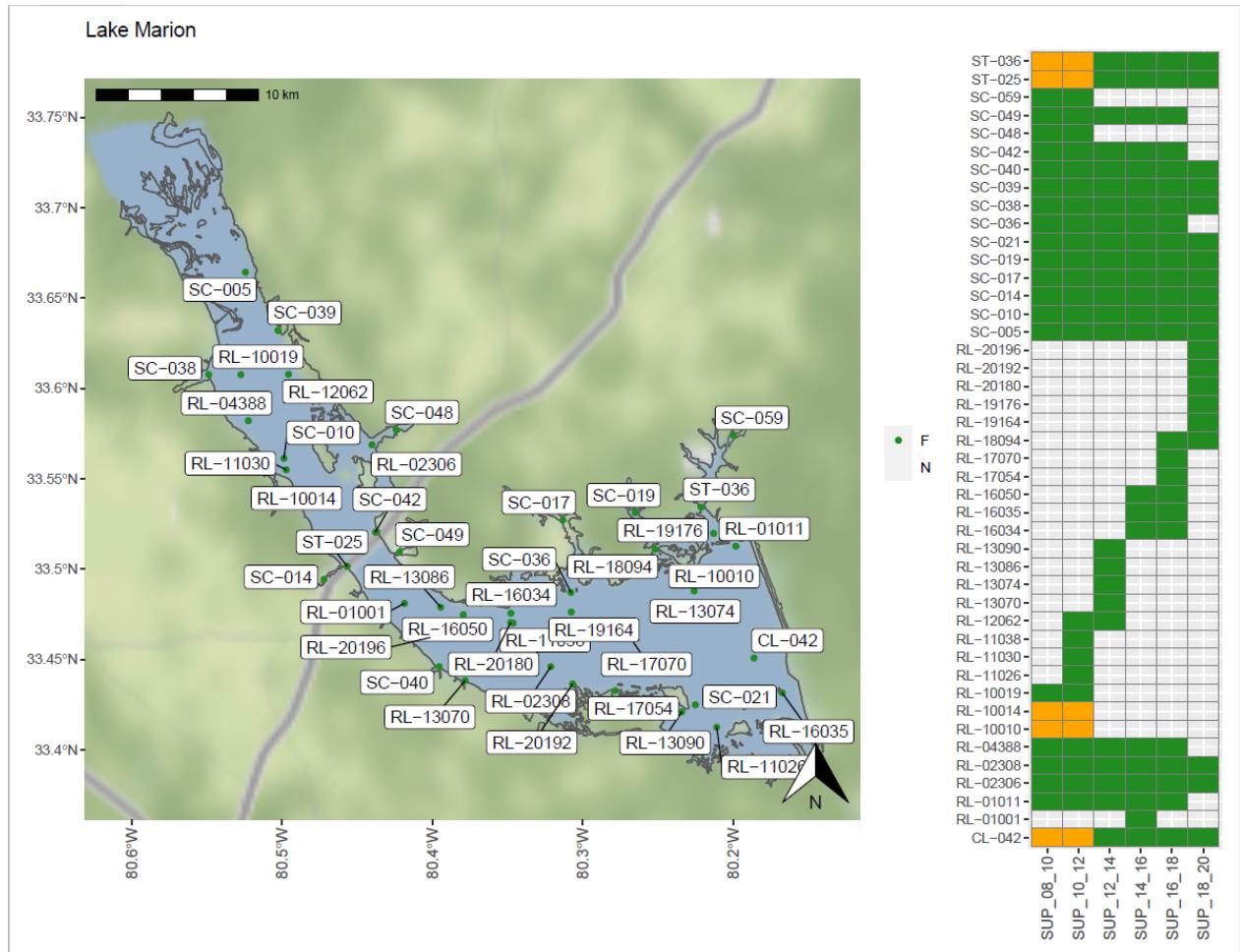
The SCDHEC lab used a reporting limit of 2 ug/L, so was able to report Pb at 6.7 and 4.2 ug/L. SCDHEC did not routinely analyze TSS in 2010, so did not report TSS for these samples. Without matching measured values for TSS, the SCDHEC Pb results were considered potential exceedances, and RL-10010 was considered a legacy WOC.

Conversely, the Santee Cooper lab measured and reported hardness and TSS and apparently analyzed but did not report Pb. This was possibly due to a higher detection limit. With no reported Pb detection, the Santee Cooper results were identified as not exceeding in the assessment for RL-10010.

The SCDHEC Pb results and Santee Cooper hardness and TSS results could be combined to confirm the exceedances and list RL-10010 as impaired. The case would be stronger if Santee Cooper had not analyzed for Pb. The Pb results do not agree, which might or might not be explained by different detection limits used by the labs.

Additional information is provided by placing the RL-10010 location in the larger context of Lake Marion. RL-10010 has not been sampled since 2010, but a large number of other fixed base sites and statistical survey sites have been sampled in Lake Marion. The figure below created by Bryan Rabon shows sampling locations across the lake and Pb assessment results through time. Since the 2014 assessment of 2010-2012 data, all locations sampled have attained, 2020 data pending.

Given the 2010 time frame of the data at RL-10010, the uncertainty related to the purpose of and the disagreement in the Pb results from different labs, and the more recent data suggesting attainment, we believe it is appropriate to keep RL-10010 as a legacy WOC for the 2018 reporting cycle.



USEPA Comment 1 (Follow Up)

"To clarify the statements that the simultaneous Santee Cooper and DHEC samples for RL-10010 don't agree and Santee cooper did not report lead detection for them: could you tell us what the detection limits for the two Santee cooper samples are exactly? In the santee cooper data I only see these results reported as "<10" whereas other samples identify if they are non-detects or present below the MDL."

SCDHEC Response 1 (Follow Up)

Our records indicate the Pb reporting levels and/or detection limits for these analyses were 2 ug/L for SCDHEC and 5 ug/L for Santee Cooper. The July results, 4.2 ug/L by SCDHEC and, effectively, <5 ug/L by Santee Cooper, are in agreement analytically. Note that our assessment could identify 4.2 ug/L as an exceedance, depending on hardness and TSS, but would identify a "<5 ug/L" result as meeting . The April results, 6.7 ug/L and <5 ug/L, do not agree analytically or in assessment terms. For assessment purposes, DHEC does not distinguish between RL and DL and considers any non-numeric "less than" result to be a non-exceedance as indicated with a zero in the assessment table.

USEPA Comment 1 Follow Up October 8, 2020 USEPA-SCDHEC Call and October 14 email (RL-10010):

“Thank you for the productive discussion we had last week on South Carolina’s 2018 303(d) list. We have put together a list of what we feel like we need to move forward with the decision-making on the list.

1. A summary of the statewide trend and analysis that Lake Marion has no significant differences that would cause you to suspect the statewide trend is not applicable.
2. A source analysis for lead around the monitoring sites (non-point and point source)
3. EPA would encourage the state to have additional monitoring (Pb, hardness, TSS) at the site to assist with assessing the water on future listing cycles, preferably with a quantification limit low enough to capture potential impairment.
4. EPA would like clarification on the Santee-Cooper data from Lake Marion regarding if the samples are <10 or <5 when they were reported.
5. Any other information that you feel would help justify a waters of concern classification for the waters.”

SCDHEC Response 1 Follow Up to October 8, 2020 USEPA-SCDHEC Call and October 14 email (RL-10010):

1. A statewide trend analysis of 34 lakes including Lake Marion prepared by Bryan Rabon is provided separately. Except for a single station in Lake Wylie, RL-13088, the same pattern observed in Lake Marion as shown in the figure above is observed in lakes statewide. Lake WOCs occurred only during the 2008-2010 and 2010-2012 data assessment windows. Subsequent sites and monitoring in lakes have shown no potential impairments since that time, with the single exception noted above. There is no apparent reason to think the statewide trend is not applicable to RL-10010.
2. A Pb source assessment for RL-10010 prepared by Susan Waldner is provided separately. It is difficult to absolutely rule out the possibility of anthropogenic contributions; however, the assessment did not reveal any sources uniquely associated with the RL-10010 location. It appears more likely that RL-10010 simply exhibits the statewide trend noted above.
3. We agree. RL-10010 will be monitored for Pb, hardness and TSS in 2021 and samples will be analyzed by DHEC using a Pb reporting level of 2 ug/L.
4. Additional review of the Santee Cooper data by Bryan Rabon during the October 8 conference call revealed that Santee Cooper reported varying reporting levels for Pb analyses in 2010. As determined on the call, the samples in question were reported as <10 ug/L. Therefore, the April Pb results for RL-10010 reported by DHEC and Santee Cooper are not inconsistent as was previously thought by DHEC to be the case.
5. DHEC believes designation as a WOC pending additional monitoring and assessment is appropriate for determining final status of RL-10010.

USEPA Comment 2:

“Attached is a spreadsheet of all proposed waters of concerns with site specific hardness data that exceed the adjusted criteria based on default total suspended level. The monitoring sites are ordered in terms of the highest total suspended level required to not have not made a listing determination under SCDHEC’s methodology. My findings are for all but two of these sites even relatively low TSS values to plausible TSS values would cause not more than one exceedance, but for SV-352 and SV-354 they would each require a TSS measurement much larger than has been previously recorded in South Carolina (1200 mg/L according to wqx) and in the most extreme case 100,000,000 times that. Additionally I’m looking into

what is the range of TSS numbers that the translator parameters are based on, to help see if the relationship holds at anywhere near these potential TSS levels. I am also including a summary spreadsheet of the samples I considered.”

SCDHEC Response 2:

Throughout internal deliberations, discussions with EPA, public comment on the draft 2018 303(d) List, the Bureau of Water’s preparation of the January 2020 report *A Review of Lead in Surface Waters* and its path forward, stakeholder meetings, and public comment on the Pb Addendum to the draft 2018 303(d) List, SCDHEC has consistently maintained that we would not be listing waters due to Pb unless exceedances were confirmed with synchronous measured hardness and TSS values. Lacking measured hardness and/or TSS, waters with potential Pb exceedances would be considered Waters of Concern (WOCs) while SCDHEC collects additional data to more accurately assess if WOCs should be listed as impaired. SCDHEC began collecting all three parameters at active stream monitoring sites and legacy stream WOC sites in January 2019.

This approach is also outlined page H-2, Appendix H of the 2018 303(d) list/assessment package and the technical document for Pb referenced above. Deviating from the prescribed methodology would be inconsistent with the public’s understanding of SCDHEC’s approach for evaluating Pb in ambient waters.

We agree, if TSS had been measured at SV-352 and SV-354 along with Pb and hardness during 2014-2016, there is a very high probability these sites would be considered impaired. Nonetheless, the fact is we do not have measured TSS data for the 2018 assessment of these sites.

It is worth noting that the limited results so far for 2019-2020 (5 total) show no exceedances at these sites. Since they are base sites, SV-352 and SV-354 will continue to be monitored moving forward.

We propose to keep these sites as WOCs for the 2018 reporting cycle. The final disposition for these sites will be determined once sufficient Pb, hardness and TSS data are collected and assessed, as stated in the listing methodology and technical document.

USEPA Response 2 Follow Up October 14 email (SV-352 and SV-354):

This is a continuation of EPA’s email from the RL-10010 discussion above:

“On the call, we ran out of time to discuss two other sites in the Savannah Basin (SV-352 and SV-354), but we are willing to evaluate them using the same write-up as the Lake Marion site (see info request above 1-2, 5). These sites had no TSS data reported on days with lead detections, but would need extreme TSS values to be determined as unimpaired.”

SCDHEC Response 2 Follow Up to October 14 email (SV-352 and SV-354):

1. Statewide trends for streams are not as clear, so we do not have a similar analysis like the one discussed above for lakes.
2. Pb source assessments for SV-352 and SV-354 prepared by Susan Waldner are provided separately. The source assessment identified an upstream wastewater treatment plant with permit violations for Pb during the time when some of the high values were measured instream. Since 2014, no violations have been reported at the facility and all reported effluent concentrations have been less than 2 ug/L.

3. We agree. DHEC began monitoring Pb, hardness and TSS at SV-352 and SV-354 in 2019 and will continue to monitor these parameters quarterly.
4. Not applicable.

Designation of SV-352 and SV-354 as WOCs pending additional monitoring and assessment is consistent with the 2018 303(d) listing methodology and SCDHEC's public position on the treatment of Pb assessment statewide. Monitoring results for 2019 and 2020 so far are limited but no exceedances have been observed to date at these locations.