

Broad River Basin

Subbasin: 30802

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|-------|----------|---------------------|-------------|--|--|-------|-------|
| Catheys Creek | 9-41-13-(6)a | C | 30802 | | 1998 | 6 | | 1.9 | |
| From 0.4 miles downstream of Rutherford County SR 1538 to confluence with Hollands Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Municipal Pretreatment (indirect dischargers) 2. Agriculture | | |
| Catheys Creek | 9-41-13-(6)b | C | 30802 | | 1998 | 5 | | 1.9 | |
| From confluence with Hollands Creek to S. Broad R. | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Minor Municipal Point Source 2. Urban Runoff/Storm Sewers | | |
| Hollands Creek | 9-41-13-7-(3) | C | 30802 | | 1998 | 5 | | 2.8 | |
| From Duke Power Co. old Auxiliary Raw Water Supply Intake to Catheys Creek | | | | Aquatic Life | 1. 1998 | 5 Impaired biological integrity: stressor study complete | 1. Minor Municipal Point Source 2. Urban Runoff/Storm Sewers | | |

| Broad River Basin Impaired Totals: | | |
|---|--------------|--------------|
| <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
| 3 | 6.6 | 0.0 |

| Totals for the Broad River Basin | | | | <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
|---|---|-----|-----|-----------------|--------------|--------------|
| Category 5 | 2 | 4.7 | 0.0 | | | |
| Category 6 | 1 | 1.9 | | | | |

Cape Fear River Basin

Subbasin:

The proper technical conditions do not yet exist to develop TMDLs

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|-----------------------------|----------------------|-------|----------|----------------|-------------|--|--|--------|-------|
| Southport (DEH Area) | B1 | SC | | | 1998 | 7 | | 1125.0 | |
| | | | | Overall | 1. 1998 | 7 Shellfish harvesting closure: Fecal Coliform | 1. Municipal Point Sources 2. Urban Runoff/Storm Sewers | | |
| Cape Fear (DEH Area) | B10 | SC | | | 1998 | 5 | | 5000.0 | |
| | | | | Overall | 1. 1998 | 5 Standard violation: Low Dissolved Oxygen | | | |

Cape Fear River Basin

Subbasin:

The proper technical conditions do not yet exist to develop TMDLs

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|-------------------------------|----------------------|--------|----------|----------------|-------------|---------------------------------|---|---|-------|
| Buzzard Bay (DEH Area) | B2 | SA | | | 1998 | 7 | | | 115.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Natural Sources 2. Waterfowl | |
| The Basin (DEH Area) | B3 | SA | | | 1998 | 7 | | | 1.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Onsite Wastewater Systems 2. (Septic Tanks) | |
| Cape Fear (DEH Area) | B4 | SA | | | 1998 | 7 | | | 970.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Major Industrial Point Source 2. Minor Industrial Point Source 3. Package Plants (Small Flows) | |
| Myrtle Sound (DEH Area) | B5 | SA | | | 1998 | 7 | | | 113.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Urban Runoff/Storm Sewers 2. Marinas | |
| Masonboro Sound (DEH Area) | B6 | SA ORW | | | 1998 | 7 | | | 282.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Agriculture 2. Urban Runoff/Storm Sewers | |
| Wrightsville Beach (DEH Area) | B7 | SB # | | | 1998 | 7 | | | 175.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Collection System Failure 2. Urban Runoff/Storm Sewers 3. Onsite Wastewater Systems (Septic Tanks) | |
| Topsail Sound (DEH Area) | B8 | SA ORW | | | 1998 | 7 | | | 676.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Urban Runoff/Storm Sewers 2. Onsite Wastewater Systems (Septic Tanks) 3. Marinas | |

Cape Fear River Basin

Subbasin:

The proper technical conditions do not yet exist to develop TMDLs

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---------------------------|----------------------|--------|----------|----------------|-------------|---------------------------------|--|---|-------|
| Stump Sound (DEH Area) | B9 | SA ORW | | | 1998 | 7 | | | 145.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Municipal Point Sources 2. Onsite Wastewater Systems (Septic Tanks) | |

Cape Fear River Basin

Subbasin: 30601

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|------------|----------|----------------|-------------|---------------------------------|---|------------------------------|-------|
| Haw River | 16-(1)a | C NSW | 30601 | | 2000 | 6 | | 7.7 | |
| From source to SR 2109, Guilford | | | | Overall | 1. 2000 | 6 | Impaired biological integrity: stressors not identified | 1. Agriculture | |
| Haw River | 16-(1)b | C NSW | 30601 | | 2000 | 6 | | 20.1 | |
| From SR 2109 to SR 2426, Guilford | | | | Overall | 1. 2000 | 6 | Impaired biological integrity: stressors not identified | 1. Agriculture | |
| Troublesome Creek | 16-6-(0.3) | WS-III NSW | 30601 | | 2000 | 6 | | 15.6 | |
| From source to Rockingham County SR 2423 | | | | Overall | 1. 2000 | 6 | Impaired biological integrity: stressor study complete | 1. Agriculture | |
| Little Troublesome Creek | 16-7a | C NSW | 30601 | | 2000 | 6 | | 3.3 | |
| From source to Reidsville WWTP | | | | Overall | 1. 2000 | 6 | Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | |
| Little Troublesome Creek | 16-7b | C NSW | 30601 | | 1998 | 6 | | 5.0 | |
| From Reidsville WWTP to Haw River | | | | Overall | 1. 1998 | 6 | Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | |
| | | | | | 2. 1998 | 4a | Standard violation: Fecal Coliform | | |

Cape Fear River Basin

Subbasin: 30602

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|---|----------------------------------|--------------|--------------|
| Haw River From NC 87 to NC 49 | 16-(1)d | C NSW | 30602 | | 1998 | 5 | | 19.2 | |
| | | | | Overall | 1. 1998 | 5 Standard violation: Turbidity | 1. Agriculture | | |
| | | | | | 2. 1998 | 6 Impaired biological integrity: stressors not identified | 2. Urban Runoff/Storm Sewers | | |
| | | | | | 3. 1998 | 5 Standard violation: Fecal Coliform | | | |
| Reedy Fork (Hardys Mill Pond) From Buffalo Creek to Haw River | 16-11-(9)b | C NSW | 30602 | | 2000 | 6 | | 8.6 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Major Municipal Point Source | | |
| | | | | | | | 2. Major Industrial Point Source | | |
| North Buffalo Creek From source to above WWTP | 16-11-14-1a | C NSW | 30602 | | 1998 | 5 | | 8.7 | |
| | | | | Overall | 1. 1998 | 5 Standard violation: Fecal Coliform | 1. Major Industrial Point Source | | |
| | | | | | 2. 2000 | 6 Impaired biological integrity: stressors not identified | 2. Urban Runoff/Storm Sewers | | |
| North Buffalo Creek From WWTP to Buffalo Creek | 16-11-14-1b | C NSW | 30602 | | 2000 | 6 | | 8.1 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Major Industrial Point Source | | |
| | | | | | 2. 2000 | 4b Historical listing decision: Ammonia | 2. Major Municipal Point Source | | |
| | | | | | | | 3. Urban Runoff/Storm Sewers | | |
| South Buffalo Creek From source to McConnell Rd, Guilford | 16-11-14-2a | C NSW | 30602 | | 1998 | 6 | | 14.8 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| South Buffalo Creek From McConnell Rd to US 70, Guilford | 16-11-14-2b | C NSW | 30602 | | 1998 | 6 | | 3.3 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| South Buffalo Creek From US 70 to Buffalo Creek | 16-11-14-2c | C NSW | 30602 | | 2000 | 6 | | 4.0 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Major Municipal Point Source | | |
| | | | | | 2. 2000 | 4b Historical listing decision: Ammonia | 2. Urban Runoff/Storm Sewers | | |

Cape Fear River Basin

Subbasin: 30602

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|---------------|-----------------|--------------------|--------------------|---|------------------------------|--------------|--------------|
| Brush Creek | 16-11-4-(1)a | WS-III NSW | 30602 | | 1998 | 6 | | | 5.6 |
| From source to L. Higgins | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Horsepen Creek | 16-11-5-(0.5) | WS-III NSW | 30602 | | 2000 | 6 | | | 6.0 |
| From source to U.S. Hwy. 220 | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Horsepen Creek | 16-11-5-(2) | WS-III NSW CA | 30602 | | 2000 | 6 | | | 1.6 |
| From U.S. Hwy. 220 to Lake Brandt, Reedy Fork | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Town Branch | 16-17 | C NSW | 30602 | | 1998 | 4a | | | 3.6 |
| From source to Haw River | | | | Overall | 1. 1998 | 4a Standard violation: Fecal Coliform | | | |

Cape Fear River Basin

Subbasin: 30603

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|--|------------------------------|--------------|--------------|
| Little Alamance Creek (Gant Lake, Mays Lake) (Alamance County) | 16-19-11 | C NSW | 30603 | | 2000 | 6 | | | 12.3 |
| From source to Big Alamance Creek | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |

Cape Fear River Basin

Subbasin: 30604

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|--------------|----------|----------------|-------------|---|---|-------|-------|
| Marys Creek | 16-26 | C NSW | 30604 | | 2000 | 6 | | | 9.7 |
| From source to Haw River | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture | | |
| Robeson Creek | 16-38-(3) | WS-IV NSW | 30604 | | 1998 | 6 | | | 5.6 |
| From a point 0.7 mile downstream of Chatham County SR 2159 to a point 0.3 mile upstream of mouth | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Minor Municipal Point Source 2. Urban Runoff/Storm Sewers | | |
| Robeson Creek | 16-38-(5) | WS-IV NSW CA | 30604 | | 2000 | 6 | | | 0.6 |
| From a point 0.3 mile upstream of mouth to B. Everett Jordan Lake, Haw River | | | | Overall | 1. 2000 | 4a Standard violation: Chlorophyll a | 1. Minor Municipal Point Source | | |
| | | | | | 2. 2000 | 6 Impaired biological integrity: stressors not identified | 2. Urban Runoff/Storm Sewers | | |
| Pittsboro Lake | 16-PITTSBORO LA | C-NSW | 30604 | | 1998 | 5 | | | 38.0 |
| Chatham County | | | | Overall | 1. 1998 | 5 Aquatic Weeds | | | |

Cape Fear River Basin

Subbasin: 30605

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|----------------|----------|----------------|-------------|---|------------------------------|-------|--------|
| New Hope River Arm of B. Everett Jordan Reservoir | 16-41-(0.5) | WS-IV B NSW CA | 30605 | | 2002 | 5 | | | 1205.0 |
| From source at confluence of Morgan Cr. and New Hope Cr. Arms of B. Everett Jordan Lake (an east-west line across the southern tip of the formed peninsula) to Chatham County SR 1008 | | | | Overall | 1. 2002 | 5 Standard violation: Chlorophyll a | | | |
| New Hope Creek | 16-41-1-(0.5)b | C NSW | 30605 | | 2000 | 6 | | | 0.5 |
| From Sandy Creek to a point 0.3 mile upstream of Durham County SR 2220 | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |

Cape Fear River Basin

Subbasin: 30605

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|---|---------------------------------|--------------|--------------|
| New Hope Creek | 16-41-1-(11.5) | WS-IV NSW | 30605 | | 1998 | 5 | | 24.5 | |
| From a point 0.3 mile upstream of Durham County SR 2220 to a point 0.8 mile downstream of Durham County SR 1107 | | | | Overall | 1. 1998 | 5 Standard violation: Fecal Coliform | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 2000 | 6 Impaired biological integrity: stressors not identified | 2. Major Municipal Point Source | | |
| New Hope Creek | 16-41-1-(14) | WS-IV NSW CA | 30605 | | 2002 | 5 | | 1377.0 | |
| From a point 0.8 mile downstream of Durham County SR1107 to confluence with Morgan Creek Arm of New Hope River Arm of B. Everett Jordan Lake. | | | | Overall | 1. 2002 | 5 Standard violation: Chlorophyll a | | | |
| Third Fork Creek | 16-41-1-12-(1) | C NSW | 30605 | | 1998 | 6 | | 5.1 | |
| From source to a point 2.0 miles upstream of N.C. Hwy. 54 | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |
| Third Fork Creek | 16-41-1-12-(2) | WS-IV NSW | 30605 | | 1998 | 5 | | 3.6 | |
| From a point 2.0 miles upstream of N.C. Hwy. 54 to New Hope Creek | | | | Overall | 1. 1998 | 5 Standard violation: Turbidity | | | |
| Northeast Creek | 16-41-1-17-(0.7)a | WS-IV NSW | 30605 | | 1998 | 5 | | 2.6 | |
| From N.C. Hwy. 55 to Durham Co. WWTP | | | | Overall | 1. 1998 | 5 Standard violation: Fecal Coliform | | | |
| Northeast Creek | 16-41-1-17-(0.7)b | WS-IV NSW | 30605 | | 2000 | 5 | | 5.8 | |
| Durham Co. WWTP to a point 0.5 mile downstream of Panther Creek | | | | Overall | 1. 2000 | 5 Standard violation: Fecal Coliform | | | |
| Northeast Creek | 16-41-1-17-(4) | WS-IV NSW CA | 30605 | | 2000 | 6 | | 1.5 | |
| From a point 0.5 mile downstream of Panther Creek to New Hope Creek Arm of B. Everett Jordan Lake | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| | | | | | | | 2. Non-urban development | | |

Cape Fear River Basin

Subbasin: 30605

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|--------------|----------|----------------|-------------|---|------------------------------|-------|-------|
| Morgan Creek (including the Morgan Creek Arm of New Hope River Arm of B. Everett Jordan Lake) | 16-41-2-(9.5) | WS-IV NSW CA | 30605 | | 2000 | 5 | | | 851.0 |
| From Chatham County SR 1726 (Durham County SR1109) to New Hope Creek Arm of New Hope River Arm of B. Everett Jordan Lake. | | | | Overall | 1. 2002 | 5 Standard violation: Chlorophyll a | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 2000 | 6 Impaired biological integrity: stressors not identified | | | |

Cape Fear River Basin

Subbasin: 30606

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|--------------|----------|----------------|-------------|--|------------------------------|-------|-------|
| Little Creek | 16-41-1-15-(0.5) | WS-IV NSW | 30606 | | 2000 | 6 | | 5.4 | |
| From source to a point 0.7 mile downstream of Durham County SR 1110 | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Little Creek | 16-41-1-15-(3) | WS-IV NSW CA | 30606 | | 2000 | 6 | | 0.7 | |
| From a point 0.7 mile downstream of Durham County SR 1110 to New Hope Creek | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Bolin Creek | 16-41-1-15-1-(4) | WS-IV NSW | 30606 | | 2000 | 6 | | 1.0 | |
| From U.S. Hwy. 501 Business to Little Creek | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Booker Creek (Eastwood Lake) | 16-41-1-15-2-(1) | B NSW | 30606 | | 2000 | 6 | | 3.6 | |
| From source to dam at Eastwood Lake | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Booker Creek | 16-41-1-15-2-(4) | C NSW | 30606 | | 2000 | 6 | | 1.2 | |
| From dam at Eastwood Lake to U.S. Hwy. 15 | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |

Cape Fear River Basin

Subbasin: 30606

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|--------------------|--------------------|---|------------------------------|--------------|--------------|
| Booker Creek | 16-41-1-15-2-(5) | WS-IV NSW | 30606 | | 2000 | 6 | | 0.8 | |
| From U.S. Hwy. 15 to Little Creek | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Morgan Creek | 16-41-2-(5.5)b | WS-IV NSW | 30606 | | 2000 | 6 | | 4.5 | |
| From Meeting of the Waters to Chatham County SR 1726 (Durham County SR 1109) | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Meeting Of The Waters | 16-41-2-7 | WS-IV NSW | 30606 | | 2000 | 6 | | 1.4 | |
| From source to Morgan Creek | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |

Cape Fear River Basin

Subbasin: 30607

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|---|---|--------------|--------------|
| Kenneth Creek | 18-16-1-(1) | C | 30607 | | 1998 | 6 | | 3.7 | |
| From source to Wake-Harnett County Line | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Major Municipal Point Source 2. Urban Runoff/Storm Sewers | | |
| Kenneth Creek | 18-16-1-(2) | WS-IV | 30607 | | 1998 | 6 | | 3.6 | |
| From Wake-Harnett County Line to Neills Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Major Municipal Point Source 2. Urban Runoff/Storm Sewers | | |
| Gulf Creek | 18-5-(1)a | WS-IV | 30607 | | 1998 | 6 | | 2.7 | |
| From source to clay pit below SR 1924, Chatham | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |
| Gulf Creek | 18-5-(1)b | WS-IV | 30607 | | 1998 | 6 | | 2.9 | |
| From clay pit below SR 1924, Chatham to 0.2 miles above Cape Fear River | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Resource Extraction | | |

Cape Fear River Basin

Subbasin: 30607

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|----------|----------|----------------|-------------|---|------------------------|-------|-------|
| Gulf Creek | 18-5-(2) | WS-IV CA | 30607 | | 2000 | 6 | | | 0.2 |
| From a point 0.2 mile upstream of mouth to Cape Fear River | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Resource Extraction | | |

Cape Fear River Basin

Subbasin: 30608

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|------------|----------|----------------|-------------|---|------------------------------|-------|-------|
| Deep River | 17-(3.3) | WS-IV * | 30608 | | 1998 | 6 | | | 1.3 |
| From dam at High Point Lake to Guilford County SR 1334 | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Deep River | 17-(3.7) | WS-IV CA * | 30608 | | 1998 | 6 | | | 0.9 |
| From Guilford County SR 1334 to dam at Oakdale Cotton Mills, Inc. (Town of Jamestown water supply intake) | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Deep River | 17-(4)a | WS-IV CA * | 30608 | | 1998 | 6 | | | 2.0 |
| From dam at Oakdale Cotton Mills, Inc. to SR 1113, Guilford Co. | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Deep River | 17-(4)b | WS-IV CA * | 30608 | | 1998 | 5 | | | 6.8 |
| From SR 1113 (Guilford) to SR 1921 (Randolph) | | | | Overall | 1. 1998 | 5 Standard violation: Fecal Coliform | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 1998 | 6 Impaired biological integrity: stressors not identified | | | |
| East Fork Deep River | 17-2-(0.3) | WS-IV * | 30608 | | 1998 | 6 | | | 6.5 |
| From source to a point 0.4 mile downstream of Guilford County SR 1541 | | | | Overall | 1. 1998 | 4a Standard violation: Fecal Coliform | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 1998 | 4a Standard violation: Turbidity | 2. Industrial Permitted | | |
| | | | | | 3. 1998 | 6 Impaired biological integrity: stressor study complete | | | |

Cape Fear River Basin

Subbasin: 30608

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|--------------------|--------------------|---|---------------------------------|--------------|--------------|
| East Fork Deep River | 17-2-(0.7) | WS-IV CA * | 30608 | | 1998 | 5 | | 0.6 | |
| From a point 0.4 mile downstream of Guilford County SR 1541 to High Point Lake, Deep River | | | | Overall | 1. 1998 | 4a Standard violation: Turbidity | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 1998 | 6 Impaired biological integrity: stressor study complete | 2. Industrial Permitted | | |
| Richland Creek | 17-7-(0.5) | WS-IV * | 30608 | | 1998 | 5 | | 6.4 | |
| From source to a point 0.4 mile upstream of Guilford County SR 1154 | | | | Overall | 1. 1998 | 5 Standard violation: Fecal Coliform | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 1998 | 6 Impaired biological integrity: stressors not identified | | | |
| Richland Creek | 17-7-(4) | WS-IV CA * | 30608 | | 1998 | 5 | | 2.6 | |
| From a point 0.4 mile upstream of Guilford County SR 1154 to Randleman Reservoir, Deep River | | | | Overall | 1. 1998 | 5 Standard violation: Fecal Coliform | 1. Major Municipal Point Source | | |
| | | | | | 2. 1998 | 6 Impaired biological integrity: stressors not identified | 2. Urban Runoff/Storm Sewers | | |
| Muddy Creek | 17-9-(1) | WS-IV * | 30608 | | 1998 | 5 | | 5.6 | |
| From source to a point 0.5 mile upstream of mouth | | | | Overall | 1. 1998 | 5 Standard violation: Fecal Coliform | | | |
| Muddy Creek | 17-9-(2) | WS-IV CA * | 30608 | | 1998 | 5 | | 0.5 | |
| From a point 0.5 mile upstream of mouth to Randleman Reservoir, Deep River | | | | Overall | 1. 1998 | 5 Standard violation: Fecal Coliform | | | |

Cape Fear River Basin

Subbasin: 30609

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|--|------------------------------|--------------|--------------|
| Haskett Creek | 17-12a | C | 30609 | | 1998 | 6 | | 5.9 | |
| From source to SR 2149 | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |

Cape Fear River Basin

Subbasin: 30609

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|--|------------------------------|--------------|--------------|
| Haskett Creek | 17-12b | C | 30609 | | 1998 | 6 | | | 1.3 |
| From SR 2149 to Deep River | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |

Cape Fear River Basin

Subbasin: 30610

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|-------------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|---|---------------------------------|--------------|--------------|
| Cabin Creek | 17-26-5-(1)b | WS-III | 30610 | | 2000 | 6 | | | 2.3 |
| From Cotton Creek to SR 1281, Moore | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Minor Municipal Point Source | | |
| Cotton Creek | 17-26-5-3a | WS-III | 30610 | | 2000 | 6 | | | 0.5 |
| From source to Star WWTP | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | | | |
| Cotton Creek | 17-26-5-3b | WS-III | 30610 | | 2000 | 6 | | | 2.2 |
| From Star WWTP to Lick Creek | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Minor Municipal Point Source | | |
| Cotton Creek | 17-26-5-3c | WS-III | 30610 | | 2000 | 6 | | | 3.9 |
| From Lick Creek to Cabin Creek | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Minor Municipal Point Source | | |

Cape Fear River Basin

Subbasin: 30612

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--------------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|---|---|--------------|--------------|
| Rocky River | 17-43-(1)a | WS-III | 30612 | | 2000 | 6 | | 10.6 | |
| From source to Rocky River Reservoir | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture 2. Pasture Grazing-Riparian and/or Upland | | |
| Loves Creek | 17-43-10a | C | 30612 | | 1998 | 6 | | 3.1 | |
| From source to US 421 | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | | | |
| Loves Creek | 17-43-10b | C | 30612 | | 1998 | 6 | | 2.8 | |
| From US 421 to Siler City WWTP | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Loves Creek | 17-43-10c | C | 30612 | | 1998 | 6 | | 0.5 | |
| From Siler City WWTP to Rocky River | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Major Municipal Point Source 2. Urban Runoff/Storm Sewers | | |

Cape Fear River Basin

Subbasin: 30615

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|--------------------|--------------------|--|------------------------------|--------------|--------------|
| Cross Creek (Big Cross Creek) (Texas Pond, Smith Lake, Rose Lake) | 18-27-(1) | WS-IV | 30615 | | 1998 | 6 | | 9.0 | |
| From source to a point 0.5 mile upstream of water supply intake at Murchison Road in Fayetteville | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Cross Creek (Big Cross Creek) | 18-27-(2.5) | WS-IV CA | 30615 | | 2000 | 6 | | 0.5 | |
| From a point 0.5 mile upstream of water supply intake to water supply intake at Murchison Road in Fayetteville | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |

Cape Fear River Basin

Subbasin: 30615

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|--|------------------------------|--------------|--------------|
| Cross Creek (Big Cross Creek) | 18-27-(3) | C | 30615 | | 1998 | 6 | | | 3.5 |
| From water supply intake at Murchison Road in Fayetteville to Cape Fear River | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Little Cross Creek (Bonnie Doone Lake, Kornbow Lake, Mintz Pond) | 18-27-4-(1) | WS-IV | 30615 | | 1998 | 6 | | | 7.0 |
| From source to a point 0.5 mile upstream of backwaters of Glenville Lake | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Little Cross Creek (Glenville Lake) | 18-27-4-(1.5) | WS-IV CA | 30615 | | 2000 | 6 | | | 0.5 |
| From a point 0.5 mile upstream of backwaters of Glenville Lake to dam at Glenville Lake | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Little Cross Creek | 18-27-4-(2) | C | 30615 | | 2000 | 6 | | | 0.3 |
| From dam at Glenville Lake to Cross Creek | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |

Cape Fear River Basin

Subbasin: 30616

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|---|--|--------------|--------------|
| Browns Creek (Cross Pond) | 18-45 | C | 30616 | | 2000 | 6 | | | 8.5 |
| From source to Cape Fear River | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Collection System Failure 2. Urban Runoff/Storm Sewers | | |

Cape Fear River Basin

Subbasin: 30617

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|---|----------------------------------|--------------|--------------|
| Cape Fear River | 18-(63)a | C Sw | 30617 | | 1998 | 6 | | 3.8 | |
| From raw water supply intake at Federal Paper Board Corporation (Riegelwood) to Bryant Mill Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Major Industrial Point Source | | |
| Greenfield Lake | 18-76-1 | C Sw | 30617 | | 1998 | 5 | | 115.0 | |
| Entire Lake | | | | Overall | 1. 1998 | 5 Aquatic Weeds (Watermeal, duckweed, Brazilian elodea) | | | |
| | | | | | 2. 1998 | 5 Historical listing decision: Nutrients | | | |
| Atlantic Ocean | 99-(2) | SB | 30617 | | 2000 | 5 | | 23230.0 | |
| | | | | Overall | 1. 2000 | 5 Fish Advisory-Mercury | | | |
| Atlantic Ocean | 99-(3) | SB | 30617 | | 2000 | 5 | | 110980.0 | |
| | | | | Overall | 1. 2000 | 5 Fish Advisory-Mercury | | | |

Cape Fear River Basin

Subbasin: 30618

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|--|----------------------------|--------------|--------------|
| South River | 18-68-12-(0.5)a | C Sw | 30618 | | 2000 | 5 | | 7.2 | |
| From source to NC 13 | | | | Overall | 1. 2000 | 5 Fish Advisory-Mercury | | | |
| South River | 18-68-12-(0.5)b | C Sw | 30618 | | 2000 | 5 | | 29.5 | |
| From US 13 to Big Swamp | | | | Overall | 1. 2000 | 5 Fish Advisory-Mercury | | | |
| South River | 18-68-12-(8.5) | C Sw ORW + | 30618 | | 2000 | 5 | | 34.2 | |
| From Big Swamp to Black River | | | | Overall | 1. 2000 | 5 Fish Advisory-Mercury | | | |

Cape Fear River Basin

Subbasin: 30618

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|---|----------------------------|--------------|--------------|
| Black River (Little Black River) (Popes Lake, Rhodes Pond) | 18-68-12-1a | C Sw | 30618 | | 1998 | 6 | | 31.6 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |
| Bay Tree Lake (Black Lake) | 18-BAY TREE LAK | C-SW | 30618 | | 1998 | 5 | | 1400.0 | |
| Bladen County | | | | Overall | 1. 1998 | 5 Fish Advisory-Mercury | | | |

Cape Fear River Basin

Subbasin: 30620

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|-------------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|--|----------------------------|--------------|--------------|
| Black River | 18-68b | C Sw ORW + | 30620 | | 2000 | 5 | | 34.5 | |
| From South River to Cape Fear River | | | | Overall | 1. 2000 | 5 Fish Advisory-Mercury | | | |

Cape Fear River Basin

Subbasin: 30621

NPDES controls expected to result in meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--------------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|--|-----------------------------|--------------|--------------|
| Northeast Cape Fear | 18-74-(1)a | C Sw | 30621 | | 1998 | 4b | | 3.3 | |
| From source to SR 1937, Wayne County | | | | Overall | 1. 1998 | 4b Chlorides | 1. Industrial Point Sources | | |

Cape Fear River Basin

Subbasin: 30622

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|--|---|---|--------------|
| Muddy Creek | 18-74-25 | C Sw | 30622 | | 2000 | 6 | | 14.0 | |
| From source to Northeast Cape Fear River | | | | Overall | 1. 2000 | 6 | Impaired biological integrity: stressors not identified | | |
| Rock Fish Creek (New Kirk Pond) | 18-74-29b | C Sw | 30622 | | 2000 | 6 | | 5.3 | |
| From Swift-Eckrich to SR 1165, Duplin | | | | Overall | 1. 2000 | 6 | Impaired biological integrity: stressors not identified | 1. Major Industrial Point Source 2. Habitat Modification (other than Hydromodification) 3. Bank or Shoreline Modification/Destabilization | |
| Rock Fish Creek (New Kirk Pond) | 18-74-29c | C Sw | 30622 | | 1998 | 6 | | 3.4 | |
| From SR 1165, Duplin to Little Rockfish Cr. | | | | Overall | 1. 1998 | 6 | Impaired biological integrity: stressors not identified | 1. Major Industrial Point Source 2. Habitat Modification (other than Hydromodification) 3. Bank or Shoreline Modification/Destabilization | |

Cape Fear River Basin

Subbasin: 30623

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|--|---|---|--------------|
| Burgaw Creek | 18-74-39b | C Sw | 30623 | | 1998 | 6 | | 9.5 | |
| From Osgood Branch to Northeast Cape Fear River | | | | Overall | 1. 1998 | 6 | Impaired biological integrity: stressors not identified | 1. Minor Municipal Point Source 2. Urban Runoff/Storm Sewers | |
| Burnt Mill Creek | 18-74-63-2 | C Sw | 30623 | | 1998 | 6 | | 4.8 | |
| From source to Smith Creek | | | | Overall | 1. 1998 | 6 | Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers 2. Dredging | |

| Cape Fear River Basin Impaired Totals: | | |
|--|--------------|--------------|
| <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
| 97 | 515.4 | 147798.0 |

| Totals for the Cape Fear River Basin | | | | <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
|--------------------------------------|--|--|--|-----------------|--------------|--------------|
| Category 4a | | | | 1 | 3.6 | |
| Category 4b | | | | 1 | 3.3 | |
| Category 5 | | | | 25 | 192.3 | 44196.0 |
| Category 6 | | | | 61 | 316.2 | 0.0 |
| Category 7 | | | | 9 | | 3602.0 |

Catawba River Basin

Subbasin: 30830

NPDES controls expected to result in meeting standards.

| <u>Waterbody and Description</u> | <u>Assessment Unit (AU)</u> | <u>Class</u> | <u>Subbasin</u> | <u>ImpairedUse</u> | <u>Year Listed</u> | <u>Category and Reason for Listing</u> | <u>Potential Source(s)</u> | <u>Miles</u> | <u>Acres</u> |
|---------------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|--|--|--------------|--------------|
| Mackey Creek | 11-15-(3.5)b | C | 30830 | | 2000 | 4b | | 0.6 | |
| From US 70 to Catawba River | | | | Overall | 1. 2000 | 4b Historical listing decision: Effluent Toxicity | 1. Industrial Point Sources | | |
| Coperning Creek | 11-32-1-4a | C | 30830 | | 1998 | 6 | | 4.2 | |
| From source to Marion WWTP | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Coperning Creek | 11-32-1-4b | C | 30830 | | 1998 | 6 | | 0.5 | |
| From Marion WWTP to North Muddy Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Municipal Point Sources 2. Urban Runoff/Storm Sewers | | |

Catawba River Basin

Subbasin: 30831

Waters for which TMDLs are required.

| <u>Waterbody and Description</u> | <u>Assessment Unit (AU)</u> | <u>Class</u> | <u>Subbasin</u> | <u>ImpairedUse</u> | <u>Year Listed</u> | <u>Category and Reason for Listing</u> | <u>Potential Source(s)</u> | <u>Miles</u> | <u>Acres</u> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|---|------------------------------|--------------|--------------|
| Harper Creek | 11-38-34-14 | C Tr ORW | 30831 | | 1998 | 5 | | 9.0 | |
| From source to Wilson Creek | | | | Overall | 1. 1998 | 5 Historical listing decision: Sediment | | | |
| Lower Creek | 11-39-(0.5)b | C | 30831 | | 2000 | 5 | | 4.8 | |
| From Zack's Fork to Caldwell Co SR 1143 | | | | Overall | 1. 2000 2. 2000 | 5 Standard violation: Turbidity 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |

Catawba River Basin

Subbasin: 30831

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|--|--|--------------|--|
| Lower Creek From Caldwell County SR 1143 to a point 0.7 mile downstream of Bristol Creek | 11-39-(6.5) | WS-IV | 30831 | Overall | 1998 | 5 | | 6.6 | |
| | | | | | 1. 1998 | 5 | Standard violation: Turbidity | | 1. Municipal Point Sources |
| | | | | | 2. 1998 | 6 | Impaired biological integrity: stressor study complete | | 2. Urban Runoff/Storm Sewers 3. Non-urban development |
| Lower Creek From a point 0.7 mile downstream of Bristol Creek to Rhodhiss Lake, Catawba River | 11-39-(9) | WS-IV CA | 30831 | Overall | 2000 | 5 | | 1.3 | |
| | | | | | 1. 2000 | 5 | Standard violation: Turbidity | | 1. Municipal Point Sources |
| | | | | | 2. 2000 | 6 | Impaired biological integrity: stressor study complete | | 2. Urban Runoff/Storm Sewers 3. Non-urban development |
| Zacks Fork Creek From source to Lower Creek | 11-39-1 | C | 30831 | Overall | 2000 | 6 | | 8.2 | |
| | | | | | 1. 2000 | 6 | Impaired biological integrity: stressor study complete | | 1. Agriculture |
| Spainhour Creek From source to Lower Creek | 11-39-3 | C | 30831 | Overall | 2000 | 6 | | 4.3 | |
| | | | | | 1. 2000 | 6 | Impaired biological integrity: stressor study complete | | 1. Urban Runoff/Storm Sewers |
| Greasy Creek From source to Lower Creek | 11-39-4 | C | 30831 | Overall | 2000 | 6 | | 4.5 | |
| | | | | | 1. 2000 | 6 | Impaired biological integrity: stressor study complete | | |
| Bristol Creek From source to Lower Creek | 11-39-8 | WS-IV | 30831 | Overall | 2000 | 6 | | 5.6 | |
| | | | | | 1. 2000 | 6 | Impaired biological integrity: stressor study complete | | 1. Non-urban development |

Catawba River Basin

Subbasin: 30833

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|--------------------|--------------------|--|---|--------------|--------------|
| McDowell Creek | 11-115-(1) | C | 30833 | | 2000 | 6 | | 1.1 | |
| From source to U.S. Hwy. 21 | | | | Overall | 1. 2000 | 6 | Impaired biological integrity: stressors not identified | | |
| McDowell Creek | 11-115-(1.5)a | WS-IV | 30833 | | 1998 | 6 | | 5.0 | |
| From US Hwy 21 to SR 2136 Mecklenburg Co | | | | Overall | 1. 1998 | 6 | Impaired biological integrity: stressors not identified | | |
| McDowell Creek | 11-115-(1.5)b | WS-IV | 30833 | | 2000 | 6 | | 3.0 | |
| From SR 2136 Mecklenburg Co to 0.7 mile upstream from mouth | | | | Overall | 1. 2000 | 6 | Impaired biological integrity: stressors not identified | | |
| McDowell Creek | 11-115-(5) | WS-IV CA | 30833 | | 2000 | 6 | | 0.7 | |
| From a point 0.7 mile upstream of mouth to Mountain Island Lake, Catawba River | | | | Overall | 1. 2000 | 6 | Impaired biological integrity: stressors not identified | | |

Catawba River Basin

Subbasin: 30834

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|--|---|--------------|--------------|
| Long Creek | 11-120-(0.5) | C | 30834 | | 2000 | 5 | | 5.1 | |
| From source to a point 0.6 mile downstream of Mecklenburg County SR 2074 | | | | Overall | 1. 2000 | 5 | Standard violation: Turbidity | | |
| | | | | | | | 1. Land Development 2. Urban Runoff/Storm Sewers | | |
| Long Creek | 11-120-(2.5) | WS-IV | 30834 | | 2000 | 5 | | 8.4 | |
| From a point 0.6 mile downstream of Mecklenburg County SR 2074 to a point 0.4 mile upstream of Mecklenburg County SR 1606 | | | | Overall | 1. 2000 | 5 | Standard violation: Turbidity | | |
| | | | | | | | 1. Land Development 2. Urban Runoff/Storm Sewers | | |
| Long Creek | 11-120-(7) | WS-IV CA | 30834 | | 2000 | 5 | | 1.8 | |
| From a point 0.4 mile upstream of Mecklenburg County SR 1606 to Lake Wylie, Catawba River | | | | Overall | 1. 2000 | 5 | Standard violation: Turbidity | | |
| | | | | | | | 1. Land Development 2. Urban Runoff/Storm Sewers | | |

Catawba River Basin

Subbasin: 30834

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|--------------------|--------------------|---|---|--------------|--------------|
| Irwin Creek From source to Sugar Creek | 11-137-1 | C | 30834 | Overall | 1998 | 5 1. 2000 5 Standard violation: Turbidity 2. 1998 6 Impaired biological integrity: stressors not identified 3. 2000 4a Standard violation: Fecal Coliform | 1. Industrial Point Sources 2. Municipal Point Sources 3. Urban Runoff/Storm Sewers | 11.8 | |
| Mccullough Branch From source to Sugar Creek | 11-137-7 | C | 30834 | Overall | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Surface mining | 2.6 | |
| Little Sugar Creek From source to Archdale Rd | 11-137-8a | C | 30834 | Overall | 2000 | 6 1. 2000 6 Impaired biological integrity: stressors not identified 2. 2000 4a Standard violation: Fecal Coliform | 1. Municipal Point Sources 2. Urban Runoff/Storm Sewers | 11.8 | |
| Little Sugar Creek From Arcdale Rd to NC 51 | 11-137-8b | C | 30834 | Overall | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified 2. 1998 4a Standard violation: Fecal Coliform | 1. Municipal Point Sources 2. Urban Runoff/Storm Sewers | 5.3 | |
| Little Sugar Creek From NC 51 to state line | 11-137-8c | C | 30834 | Overall | 2000 | 5 1. 2000 5 Standard violation: Turbidity 2. 2000 6 Impaired biological integrity: stressors not identified 3. 2000 4a Standard violation: Fecal Coliform | 1. Municipal Point Sources 2. Urban Runoff/Storm Sewers | 3.6 | |
| McAlpine Creek From source to SR 3356, (Sardis Rd) | 11-137-9a | C | 30834 | Overall | 1998 | 5 1. 1998 5 Standard violation: Turbidity 2. 1998 6 Impaired biological integrity: stressor study complete 3. 1998 4a Standard violation: Fecal Coliform | 1. Urban Runoff/Storm Sewers | 8.3 | |

Catawba River Basin

Subbasin: 30834

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|----------------|-------------|---|--|-------|-------|
| McAlpine Creek From SR 3356 to NC 51 | 11-137-9b | C | 30834 | | 1998 | 5 | | 6.3 | |
| | | | | Overall | 1. 1998 | 5 Standard violation: Turbidity | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 1998 | 6 Impaired biological integrity: stressor study complete | | | |
| | | | | | 3. 2000 | 4a Standard violation: Fecal Coliform | | | |
| McAlpine Creek From NC 51 to NC 521 | 11-137-9c | C | 30834 | | 2000 | 5 | | 4.7 | |
| | | | | Overall | 1. 2000 | 5 Standard violation: Turbidity | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 2000 | 6 Impaired biological integrity: stressor study complete | | | |
| | | | | | 3. 2000 | 4a Standard violation: Fecal Coliform | | | |
| McAlpine Creek From NC Hwy 521 to NC/SC stateline | 11-137-9d | C | 30834 | | 1998 | 5 | | 1.1 | |
| | | | | Overall | 1. 1998 | 5 Standard violation: Turbidity | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 1998 | 6 Impaired biological integrity: stressor study complete | | | |
| | | | | | 3. 1998 | 4a Standard violation: Fecal Coliform | | | |
| Sugar Creek From source to below WWTP, SR 1156, Mecklenburg | 11-137a | C | 30834 | | 1998 | 6 | | 0.2 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Municipal Point Sources 2. Urban Runoff/Storm Sewers | | |
| Sugar Creek From SR 1156 Mecklenburg, to HWY 51 | 11-137b | C | 30834 | | 1998 | 5 | | 11.9 | |
| | | | | Overall | 1. 1998 | 5 Standard violation: Turbidity | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 1998 | 6 Impaired biological integrity: stressors not identified | | | |
| | | | | | 3. 1998 | 4a Standard violation: Fecal Coliform | | | |
| Sugar Creek From Hwy 51 to NC/SC border | 11-137c | C | 30834 | | 2000 | 5 | | 1.2 | |
| | | | | Overall | 1. 2000 | 5 Standard violation: Turbidity | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 2000 | 6 Impaired biological integrity: stressors not identified | | | |
| | | | | | 3. 2000 | 4a Standard violation: Fecal Coliform | | | |

Catawba River Basin

Subbasin: 30835

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|--------------------|--------------------|---|---|--------------|--------------|
| Henry Fork From SR 1143 to South Fork | 11-129-1-(12.5)c | C | 30835 | | 1998 | 5 | | 8.0 | |
| | | | | Overall | 1. 1998 | 5 Standard violation: Turbidity | | | |
| Mauney Creek From source to Hoyle Creek | 11-129-15-5 | WS-IV | 30835 | | 2000 | 6 | | 4.3 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Municipal Point Sources | | |
| Clark Creek From source to Sweetwater Road | 11-129-5-(0.3)a(1) | C | 30835 | | 2000 | 5 | | 3.5 | |
| | | | | Overall | 1. 2000 | 5 Impaired biological integrity: stressor study complete | 1. Industrial and commercial areas (nonspecific) 2. Intentional Channelization | | |
| Clark Creek From 1149 to SR 2012 Catawba Co | 11-129-5-(0.3)b | C | 30835 | | 2002 | 4c | | 4.6 | |
| | | | | Overall | 1. 2002 | 4c Impaired biological integrity: stressor study complete | 1. Intentional Channelization | | |
| Clark Creek Newton WWTP to SR2012 | 11-129-5(0.3)c(1) | C | 30835 | | 2002 | 4b | | 2.5 | |
| | | | | Overall | 1. 2002 | 4b Impaired biological integrity: stressor study complete | 1. Municipal Point Sources | | |
| Clark Creek From SR2012 to SR2007 | 11-129-5(0.3)c(2) | C | 30835 | | 2002 | 4c | | 2.3 | |
| | | | | Overall | 1. 2002 | 4c Impaired biological integrity: stressor study complete | 1. Intentional Channelization | | |
| Clark Creek From Pinch Gut Creek to SR-1274, Catawba | 11-129-5-(0.3)c(2) | C | 30835 | | 1998 | 6 | | 2.4 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Industrial Point Sources 2. Agriculture | | |
| Clark Creek From SR-1274 to 0.9 mi ab Walker Cr. | 11-129-5-(0.3)d | C | 30835 | | 2000 | 6 | | 4.0 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Industrial Point Sources 2. Agriculture | | |

Catawba River Basin

Subbasin: 30835

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|----------------|-------------|---------------------------------------|------------------------------|-------|-------|
| Clark Creek | 11-129-5-(9.5) | WS-IV | 30835 | | 2000 | 5 | | | 1.7 |
| From a point 0.9 mile upstream of Walker Creek to South Fork Catawba R. | | | | Overall | 1. 2000 | 4a Standard violation: Fecal Coliform | 1. Industrial Point Sources | | |
| | | | | | 2. 2000 | 5 Action level violation: Copper | 2. Urban Runoff/Storm Sewers | | |

Catawba River Basin

Subbasin: 30836

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|-----------------------------------|----------------------|-------|----------|----------------|-------------|---|----------------------------|-------|-------|
| Dallas Branch | 11-129-16-7b | C | 30836 | | 1998 | 6 | | | 0.8 |
| From ab Dallas WWTP to Long Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Municipal Point Sources | | |

Catawba River Basin

Subbasin: 30837

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---------------------------------|----------------------|-------|----------|----------------|-------------|---|------------------------------|-------|-------|
| Catawba Creek | 11-130a | C | 30837 | | 1998 | 6 | | | 6.1 |
| Source to SR-2446, Gaston | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Catawba Creek | 11-130b | C | 30837 | | 1998 | 6 | | | 2.9 |
| From SR 2446 to SR-2439, Gaston | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Municipal Point Sources | | |
| | | | | | | | 2. Urban Runoff/Storm Sewers | | |
| Catawba Creek | 11-130c | C | 30837 | | 1998 | 6 | | | 4.5 |
| From SR 2439 to Lake Wylie | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |

Catawba River Basin

Subbasin: 30837

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|---|------------------------------|--------------|--------------|
| Mcgill Creek | 11-135-2 | C | 30837 | | 1998 | 6 | | 2.4 | |
| From source to Crowders Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |
| Ut to Crowders Creek | 11-135-8.5 | C | 30837 | | 1998 | 6 | | 0.4 | |
| From source to Crowders Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | | | |
| Crowders Creek | 11-135a | C | 30837 | | 1998 | 6 | | 1.8 | |
| From source to SR 1118 | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Crowders Creek | 11-135b | C | 30837 | | 1998 | 6 | | 1.7 | |
| SR 1118 to SR 1125 | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Crowders Creek | 11-135c | C | 30837 | | 1998 | 6 | | 4.5 | |
| Sr 1125 to SR1131 | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Crowders Creek | 11-135d | C | 30837 | | 1998 | 6 | | 4.2 | |
| SR 1131 to SR 1108 | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Crowders Creek | 11-135e | C | 30837 | | 1998 | 5 | | 1.4 | |
| SR 1108 to NC 321 | | | | Overall | 1. 2000 | 5 Standard violation: Fecal Coliform | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 1998 | 6 Impaired biological integrity: stressor study complete | | | |
| Crowders Creek | 11-135f | C | 30837 | | 1998 | 5 | | 1.4 | |
| NC 321- SR 2424 | | | | Overall | 1. 2000 | 5 Standard violation: Fecal Coliform | 1. Industrial Point Sources | | |
| | | | | | 2. 1998 | 6 Impaired biological integrity: stressor study complete | 2. Urban Runoff/Storm Sewers | | |

Catawba River Basin

Subbasin: 30837

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---------------------------|----------------------|-------|----------|----------------|-------------|--------------------------------------|---|-------|-------|
| Crowders Creek | 11-135g | C | 30837 | | 2000 | 5 | | 0.8 | |
| SR 2424 to NC/SC line | | | | Overall | 1. 2000 | 5 Standard violation: Fecal Coliform | 1. Industrial Point Sources 2. Urban Runoff/Storm Sewers | | |

| Catawba River Basin Impaired Totals: | | |
|--------------------------------------|-------|-------|
| AU Count | Miles | Acres |
| 52 | 209.7 | 0.0 |

| Totals for the Catawba River Basin | | | |
|------------------------------------|----------|-------|-------|
| | AU Count | Miles | Acres |
| Category 4b | 2 | 3.1 | |
| Category 4c | 2 | 6.9 | |
| Category 5 | 21 | 102.7 | 0.0 |
| Category 6 | 27 | 97.0 | 0.0 |

Chowan River Basin

Subbasin:

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|-------|----------|-------------------------|-------------|---------------------------------|---|-------|-------|
| Chowan River | 25a2 | B NSW | | | 2002 | 5 | | 38.0 | |
| From near Riddicksville to the subbasin 03-01-01/03-01-03 boundary | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | 1. Industrial, Municipal 2. Atmospheric Deposition | | |

Chowan River Basin

Subbasin: 30101

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--------------------------------|----------------------|-------|----------|---------------------|-------------|---|---------------------|-------|-------|
| Wiccacon River (Hoggard Swamp) | 25-14 | C NSW | 30101 | | 1998 | 6 | | 22.5 | |
| From source to Chowan River | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |

Chowan River Basin

Subbasin: 30101

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|-------------------------|-------------|--|--|-------|-------|
| Chowan River | 25a1 | B NSW | 30101 | | 1998 | 5 | | 1.8 | |
| From Carolina-Virginia State Line to near Riddicksville | | | | Aquatic Life | 1. 1998 | 5 Standard violation: Low Dissolved Oxygen | 1. Agriculture | | |
| | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | 2. Intensive Animal Feeding Operations | | |

Chowan River Basin

Subbasin: 30102

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|-------------------------------|----------------------|-------|----------|---------------------|-------------|---|---------------------|-------|-------|
| Potecasi Creek | 25-4-8 | C NSW | 30102 | | 1998 | 5 | | 45.6 | |
| From source to Meherrin River | | | | Aquatic Life | 1. 1998 | 5 Standard violation: Low Dissolved Oxygen | 1. Agriculture | | |
| | | | | | 2. 1998 | 5 Standard violation: pH | | | |
| Bells Branch | 25-4-8-10 | C NSW | 30102 | | 1998 | 6 | | 4.8 | |
| From source to Potecasi Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |
| Painter Swamp | 25-4-8-5 | C NSW | 30102 | | 1998 | 6 | | 3.7 | |
| From source to Potecasi Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |

Chowan River Basin

Subbasin: 30103

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|--|---|--------------|--------------|
| Chowan River | 25b | B NSW | 30103 | | 1998 | 5 | | | 12.2 |
| From below Holiday Island near Harrellsville to subbasin 03-01-03/03-01-04 boundary | | | | Overall | 1. 1998 | 5 Historical listing decision: Nutrients | 1. Industrial Point Sources 2. Municipal Point Sources | | |

Chowan River Basin

Subbasin: 30104

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|--|----------------------------|--------------|--------------|
| Chowan River | 25c | B NSW | 30104 | | 1998 | 5 | | | 7.8 |
| From the Subbasin 03-01-03/03-01-04 boundary to mouth defined by a line extending in a southerly direction from Reedy Point on the north shore of Albemarle Sound to a point of land on the south side of the mouth of Black Walnut Swamp | | | | Overall | 1. 1998 | 5 Historical listing decision: Nutrients | | | |

| | | |
|--|--------------|--------------|
| Chowan River Basin Impaired Totals: | | |
| <i>AU Count</i> | <i>Miles</i> | <i>Acres</i> |
| 8 | 136.4 | 0.0 |

| | | | | |
|--|----------|-----------------|--------------|--------------|
| Totals for the Chowan River Basin | | <i>AU Count</i> | <i>Miles</i> | <i>Acres</i> |
| <i>Category</i> | 5 | 5 | 105.4 | |
| <i>Category</i> | 6 | 3 | 31.0 | |

French Broad River Basin

Subbasin: 40301

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|---|--|--------------|--------------|
| Morgan Mill Creek | 6-10-1b | B Tr | 40301 | | 2000 | 5 | | | 0.3 |
| From trout farm (US 64) to Peter Weaver Cr. | | | | Overall | 1. 2000 | 5 Impaired biological integrity: Organic Enrichment | 1. Aquaculture 2. Livestock | | |
| | | | | | 2. 2000 | 4c Impaired biological integrity: Hydromodification | 3. Sediment Deposition 4. Substrate Instability | | |

French Broad River Basin

Subbasin: 40301

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|--|--|--------------|--------------|
| Peter Weaver Creek From Morgan Mill Cr. to French Broad River | 6-10b | C Tr | 40301 | | 2000 | 5 | | 0.8 | |
| | | | | Overall | 1. 2000 | 5 Impaired biological integrity: Organic Enrichment | 1. Aquaculture 2. Livestock | | |
| | | | | | 2. 2000 | 4c Impaired biological integrity: Hydromodification | 3. Sediment Deposition 4. Substrate Instability | | |
| West Fork French Broad From above to below trout farms | 6-2-(0.5)b | C Tr | 40301 | | 1998 | 6 | | 0.5 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Aquaculture | | |

French Broad River Basin

Subbasin: 40302

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|---|------------------------------|--------------|--------------|
| Gash Creek From source to French Broad River | 6-47 | C | 40302 | | 2000 | 6 | | 3.7 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Non-urban development | | |
| Mill Pond Creek From source to French Broad River | 6-51 | WS-IV | 40302 | | 2000 | 6 | | 3.6 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Land Disposal | | |
| Clear Creek From source to Lewis Creek | 6-55-11-(1) | B Tr | 40302 | | 2000 | 6 | | 11.7 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Specialty Crop Production | | |
| Clear Creek From Lewis Creek to Mud Creek | 6-55-11-(5) | C | 40302 | | 1998 | 6 | | 6.3 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Specialty Crop Production | | |

French Broad River Basin

Subbasin: 40302

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|--------------------|--------------------|---|---|--------------|--------------|
| Bat Fork From source to Johnson Drainage Ditch | 6-55-8-1 | C | 40302 | | 1998 | 6 | | 4.8 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture 2. Urban Runoff/Storm Sewers | | |
| Mud Creek From source to Byers Cr | 6-55a | C | 40302 | | 2000 | 5 | | 15.2 | |
| | | | | Overall | 1. 2000 2. 2000 | 5 Standard violation: Turbidity 6 Impaired biological integrity: stressor study complete | 1. Agriculture 2. Urban Runoff/Storm Sewers | | |
| Mud Creek From Byers Cr to French Broad River | 6-55b | C | 40302 | | 1998 | 6 | | 3.2 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Agriculture 2. Specialty Crop Production | | |
| South Hominy Creek From source to Hominy Creek | 6-76-5 | C Tr | 40302 | | 2000 | 6 | | 6.4 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Agriculture 2. Specialty Crop Production | | |
| Hominy Creek From NC 151 to NC 112 | 6-76b | C | 40302 | | 1998 | 6 | | 3.1 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Agriculture 2. Specialty Crop Production | | |
| Hominy Creek From NC 112 to French Broad R | 6-76c | C | 40302 | | 1998 | 6 | | 8.7 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Agriculture 2. Urban Runoff/Storm Sewers | | |
| Ross Creek (Lake Kenilworth) From I-240 to Swannanoa River | 6-78-23b | B | 40302 | | 2000 | 6 | | 1.7 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | | |
| Newfound Creek From SR 1296 to SR 1297 | 6-84b | C | 40302 | | 1998 | 5 | | 1.3 | |
| | | | | Overall | 1. 1998 | 5 Standard violation: Fecal Coliform | 1. Pasture Grazing-Riparian and/or Upland 2. Non-urban development | | |

French Broad River Basin

Subbasin: 40302

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|-------|----------|----------------|-------------|--------------------------------------|---|-------|-------|
| Newfound Creek From SR 1297 to SR 1378 | 6-84c | C | 40302 | | 1998 | 5 | | 2.3 | |
| | | | | Overall | 1. 1998 | 5 Standard violation: Fecal Coliform | 1. Agriculture 2. Pasture Grazing-Riparian and/or Upland 3. Non-urban development | | |
| Newfound Creek SR 1378 to French Broad R | 6-84d | C | 40302 | | 1998 | 5 | | 6.6 | |
| | | | | Overall | 1. 1998 | 5 Standard violation: Fecal Coliform | 1. Agriculture 2. Pasture Grazing-Riparian and/or Upland 3. Non-urban development | | |

French Broad River Basin

Subbasin: 40303

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|-------------|----------|----------------|-------------|--|------------------------------|-------|-------|
| Mills River From SR 1337 to 0.5 mile upstream of NC Hwy 191 | 6-54-(1)b | WS-II Tr | 40303 | | 2000 | 6 | | 1.4 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Specialty Crop Production | | |
| Mills River From a point 0.5 mile upstream of N.C. Hwy. 191 to City of Hendersonville water supply intake located 0.1 mile downstream of N.C. Hwy. 191 | 6-54-(4.5) | WS-II Tr CA | 40303 | | 2000 | 6 | | 0.6 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Specialty Crop Production | | |
| Mills River From City of Hendersonville water supply intake to a point 0.7 mile upstream of mouth of Mills River | 6-54-(5) | WS-III | 40303 | | 2000 | 6 | | 1.9 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Specialty Crop Production | | |
| Mills River From a point 0.7 mile upstream of mouth of Mills River to French Broad River | 6-54-(6.5) | WS-III CA | 40303 | | 2000 | 6 | | 0.7 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressor study complete | 1. Specialty Crop Production | | |

French Broad River Basin

Subbasin: 40303

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|---|----------------------------|--------------|--------------|
| Brandy Branch | 6-54-6 | WS-III | 40303 | | 2000 | 6 | | 1.9 | |
| From source to Mills River | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | | | |

French Broad River Basin

Subbasin: 40304

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|--|--|--------------|--------------|
| Little Ivy Creek | 6-96-10b | WS-II | 40304 | | 2002 | 6 | | 2.6 | |
| From SR 1547 to Ivy Creek | | | | Overall | 1. 2002 | 6 Impaired biological integrity: stressor study complete | 1. Agriculture 2. Non-urban development | | |

French Broad River Basin

Subbasin: 40305

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|---|--|--------------|--------------|
| Pigeon River | 5-(7)a | C | 40305 | | 1998 | 6 | | 7.0 | |
| From Canton water supply intake to Clyde at SR 1642 | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |
| Richland Creek | 5-16-(16) | C | 40305 | | 1998 | 6 | | 2.4 | |
| From Lake Junaluska Dam to Pigeon River | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture 2. Urban Runoff/Storm Sewers | | |
| Hyatt Creek | 5-16-6a | C | 40305 | | 1998 | 6 | | 0.9 | |
| Source to SR 1159, Haywood Co | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | | | |

French Broad River Basin

Subbasin: 40305

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|--|----------------------------|--------------|--------------|
| Hyatt Creek | 5-16-6b | C | 40305 | | 1998 | 6 | | 2.6 | |
| From SR-1159, to Richland Ck | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | | | |
| Waterville Lake | 5-WATERVILLE LA | C | 40305 | | 1998 | 4b | | | 340.0 |
| | | | | Overall | 1. 1998 | 4b Fish Advisory-Dioxins | | | |

French Broad River Basin

Subbasin: 40306

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|---|----------------------------|--------------|--------------|
| Right Fork Cane Creek | 7-2-59-1 | C Tr | 40306 | | 1998 | 6 | | 1.1 | |
| From source to Cane Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |

| French Broad River Basin Impaired Totals: | | |
|--|---------------------|---------------------|
| <u><i>AU Count</i></u> | <u><i>Miles</i></u> | <u><i>Acres</i></u> |
| 29 | 103.3 | 340.0 |

| Totals for the French Broad River Basin | | | |
|--|------------------------|---------------------|---------------------|
| | <u><i>AU Count</i></u> | <u><i>Miles</i></u> | <u><i>Acres</i></u> |
| Category 4b | 1 | | 340.0 |
| Category 5 | 6 | 26.5 | |
| Category 6 | 22 | 76.8 | |

Little Tennessee River Basin

Subbasin: 40401

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|---------------------|--------------------|--|---|---|--------------|
| LITTLE TENNESSEE RIVER (Including backwaters of Lake Emory and the backwaters of Fontana Lake at normal pool elevation 1708 feet MSL) | 2-(1)a | C | 40401 | | 2002 | 6 | | | 2.2 |
| From North Carolina-Georgia State line to the confluence of Mulberry Creek | | | | Aquatic Life | 1. 2002 | 6 | Impaired biological integrity: stressors not identified | 1. Sources outside State jurisdiction or boundary | |
| Cullasaja River (Ravenel Lake) | 2-21-(0.5) | WS-III Tr | 40401 | | 1998 | 4c | | | 3.2 |
| From source to Macon County SR 1545 | | | | Aquatic Life | 1. 1998 | 4c | Impaired biological integrity: Hydromodification | 1. Dams | |
| Mill Creek | 2-21-3 | WS-III Tr | 40401 | | 1998 | 5 | | | 1.4 |
| From source to Mirror Lake, Cullasaja River | | | | Aquatic Life | 1. 1998 | 5 | Impaired biological integrity: Toxicity | 1. Excessive water velocity due to urban stormwater | |
| | | | | | 2. 1998 | 4c | Impaired biological integrity: Hydromodification | 2. Inadequate colonization potential due to dam | |

Little Tennessee River Basin

Subbasin: 40402

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|---------------------|--------------------|--|---|----------------------|--------------|
| Beech Flats Prong | 2-79-55-2a | C Tr HQW | 40402 | | 2002 | 6 | | | 2.3 |
| From source to Aden Branch | | | | Aquatic Life | 1. 2002 | 6 | Impaired biological integrity: stressors not identified | 1. Road construction | |

Little Tennessee River Basin

Subbasin: 40403

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---------------------------|----------------------|-------|----------|----------------|-------------|--|------------------------|-------|-------|
| Whiteoak Creek | 2-57-45b | C Tr | 40403 | | 1998 | 5 | | 1.0 | |
| From SR 1397 to SR 1423 | | | | Overall | 1. 1998 | 5 Historical listing decision: Nutrients | 1. Minor Non-Municipal | | |

Little Tennessee River Basin

Subbasin: 40404

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|---------------------------|-------------|--|---------------------|-------|-------|
| Santeetlah Lake | 2-190-12b | B Tr | 40404 | | 2002 | 5 | | | 280.0 |
| West Buffalo Creek Arm of Santeetlah Lake from SR 1148 to Santeetlah Lake, Cheoah River | | | | Primary Recreation | 1. 2002 | 5 Historical listing decision: Nutrients | 1. Aquaculture | | |

| Little Tennessee River Basin Impaired Total | | |
|---|-------|-------|
| AU Count | Miles | Acres |
| 6 | 10.1 | 280.0 |

| Totals for the Little Tennessee River Basin | | | |
|---|----------|-------|-------|
| Category | AU Count | Miles | Acres |
| Category 4c | 1 | 3.2 | |
| Category 5 | 3 | 2.4 | 280.0 |
| Category 6 | 2 | 4.5 | |

Lumber River Basin

Subbasin:

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|-------|----------|----------------|-------------|---------------------------------|---------------------|-------|-------|
| Atlantic Ocean | 99-(1) | SB | | | 2000 | 5 | | | |
| The waters of the Atlantic Ocean contiguous to that portion of the Waccamaw River Drainage Area of the Lumber River Basin extending from the Cape Fear River Basin to the North Carolina-South Carolina State Line | | | | Overall | 1. 2000 | 5 Fish Advisory-Mercury | | | |

Lumber River Basin

Subbasin:

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|----------------------------------|----------------------|-------|----------|----------------|-------------|---------------------------------|---|---|--------|
| Calabash (DEH Area) | A1 | SA | | | 1998 | 7 | | | 1138.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Urban Runoff/Storm Sewers 2. Onsite Wastewater Systems (Septic Tanks) 3. Marinas | |
| Shalotte River (DEH Area) | A2 | SA | | | 1998 | 7 | | | 571.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Urban Runoff/Storm Sewers 2. Onsite Wastewater Systems (Septic Tanks) | |
| Lockwoods Folly River (DEH Area) | A3 | SA | | | 1998 | 7 | | | 913.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Urban Runoff/Storm Sewers 2. Onsite Wastewater Systems (Septic Tanks) 3. Marinas | |

Lumber River Basin

Subbasin: 30750

TMDL has been approved by EPA. Not yet meeting standards.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------------|----------|----------------|-------------|---------------------------------|-----------------------|-------|-------|
| Drowning Creek | 14-2-(1) | WS-II Sw | 30750 | | 1998 | 4a | | | 20.5 |
| From source to Naked Creek | | | | Overall | 1. 1998 | 4a | Fish Advisory-Mercury | | |
| Drowning Creek | 14-2-(10.5) | C Sw HQW | 30750 | | 1998 | 4a | | | 6.9 |
| From a point 0.4 mile upstream of U.S. Hwy. 1 to Lumber River | | | | Overall | 1. 1998 | 4a | Fish Advisory-Mercury | | |
| Drowning Creek | 14-2-(6.5) | WS-II Sw | 30750 | | 1998 | 4a | | | 5.4 |
| From Naked Creek to Horse Creek | | | | Overall | 1. 1998 | 4a | Fish Advisory-Mercury | | |
| Drowning Creek | 14-2-(9) | WS-II Sw CA | 30750 | | 1998 | 4a | | | 0.6 |
| From Horse Creek to a point 0.4 mile upstream of U.S. Hwy. 1 (Town of Southern Pines water supply intake) | | | | Overall | 1. 1998 | 4a | Fish Advisory-Mercury | | |

Lumber River Basin

Subbasin: 30750

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|--|----------------------------|--------------|--------------|
| Aberdeen Creek [Pages Lake] | 14-2-11-(5) | B | 30750 | | 2000 | 4a | | | 40.0 |
| From backwaters of Pages Lake (Aberdeen Lake) at normal lake elevation to dam of Pages Lake (Aberdeen Lake) | | | | Overall | 1. 2000 | 4a | Fish Advisory-Mercury | | |
| Watsons Lake | 14-2-11-2 | B | 30750 | | 1998 | 4a | | | 0.8 |
| Entire lake | | | | Overall | 1. 1998 | 4a | Fish Advisory-Mercury | | |
| Pit Links Lake | 14-PIT LINKS LAKE | B | 30750 | | 1998 | 4a | | | 1.0 |
| Moore County | | | | Overall | 1. 1998 | 4a | Fish Advisory-Mercury | | |

Lumber River Basin

Subbasin: 30751

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|-----------------|-----------------|--------------------|--------------------|--|----------------------------|--------------|--------------|
| Lumber River | 14-(10.3) | WS-IV Sw HQW CA | 30751 | | 1998 | 4a | | | 0.7 |
| From a point 0.5 mile upstream of Powell Branch to Raw Water Supply Intake for City of Lumberton | | | | Overall | 1. 1998 | 4a | Fish Advisory-Mercury | | |
| Lumber River | 14-(11) | B Sw HQW | 30751 | | 1998 | 4a | | | 0.5 |
| From Raw Water Supply Intake for City of Lumberton to U.S. Hwy. 301 Bypass | | | | Overall | 1. 1998 | 4a | Fish Advisory-Mercury | | |
| Lumber River | 14-(13)a | C Sw | 30751 | | 1998 | 4a | | | 2.7 |
| HWY 301 to SR2289 /SR-2289, Robeson Co. | | | | Overall | 1. 1998 | 4a | Fish Advisory-Mercury | | |
| Lumber River | 14-(13)b | C Sw | 30751 | | 1989 | 4a | | | 0.7 |
| From SR 2289 to Lumber R above Alpha Cellulose, SR 2202 | | | | Overall | 1. 1989 | 4a | Fish Advisory-Mercury | | |
| Lumber River | 14-(13)c | C Sw | 30751 | | 1998 | 4a | | | 0.6 |
| Lumber R. above Alpha Cell. at 2202 to above WWTP, Robeson Co. | | | | Overall | 1. 1998 | 4a | Fish Advisory-Mercury | | |

Lumber River Basin

Subbasin: 30751

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|----------------|-----------------|--------------------|--------------------|--|----------------------------|--------------|--------------|
| Lumber River | 14-(13)d | C Sw | 30751 | | 1998 | 4a | | 1.3 | |
| Above WWTP to below WWTP at SR-1620/72 Robeson Co. | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |
| Lumber River | 14-(13)e | C Sw | 30751 | | 1998 | 4a | | 16.6 | |
| SR 1620 to NC 74, Robeson Co | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |
| Lumber River | 14-(13)f | C Sw | 30751 | | 1998 | 4a | | 18.4 | |
| From NC 74 to NC 904 | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |
| Lumber River | 14-(28) | B Sw | 30751 | | 1998 | 4a | | 3.8 | |
| From N.C. Hwy. 904 to North Carolina-South Carolina State Line | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |
| Lumber River | 14-(4.5)b | B Sw HQW | 30751 | | 1998 | 4a | | 2.5 | |
| From NC Hwy 71 to SR 1303 | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |
| Lumber River | 14-(4.5)c | B Sw HQW | 30751 | | 1998 | 4a | | 2.4 | |
| SR-1303 to SR-1153, Robeson Co./SR-1153 | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |
| Lumber River | 14-(4.5)d | B Sw HQW | 30751 | | 1998 | 4a | | 5.9 | |
| SR-1153 to Seaboard Coast Line RR Bridge near Pembroke | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |
| Lumber River | 14-(7)a | WS-IV&B Sw HQW | 30751 | | 1998 | 4a | | 20.0 | |
| From Seaboard Coast Line RR bridge to .5 mi upstream of Powell Br. | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |
| Porter Swamp | 14-27 | C Sw | 30751 | | 1998 | 4a | | 16.4 | |
| From source to Lumber River | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |

Lumber River Basin

Subbasin: 30753

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|--|----------------------------|--------------|--------------|
| Big Swamp | 14-22a | C Sw | 30753 | | 1998 | 4a | | 15.4 | |
| From source to NC 211 | | | | Overall | 1. 1998 | 4a Fish Advisory-Mercury | | | |
| Big Swamp | 14-22b | C Sw | 30753 | | 1998 | 4a | | 9.5 | |
| From NC 211 to Lumber River | | | | Overall | 1. 1998 | 4a Fish Advisory-Mercury | | | |

Lumber River Basin

Subbasin: 30754

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|--------------------|--------------------|--|----------------------------|--------------|--------------|
| Ashpole Swamp | 14-30a | C Sw | 30754 | | 1998 | 4a | | 18.8 | |
| From source to Hog Swamp | | | | Overall | 1. 1998 | 4a Fish Advisory-Mercury | | | |
| Ashpole Swamp | 14-30b | C Sw | 30754 | | 1998 | 4a | | 6.9 | |
| From Hog Swamp to North Carolina-South Carolina border | | | | Overall | 1. 1998 | 4a Fish Advisory-Mercury | | | |

Lumber River Basin

Subbasin: 30756

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|--|----------------------------|--------------|--------------|
| Waccamaw River | 15-(1)a | C Sw | 30756 | | 1998 | 4a | | 0.2 | |
| From source at dam at Lake Waccamaw to 0.1 mi below Lake Waccamaw | | | | Overall | 1. 1998 | 4a Fish Advisory-Mercury | | | |
| Waccamaw River | 15-(1)b | C Sw | 30756 | | 1998 | 4a | | 6.8 | |
| From 0.1 mile below dam to off SR 1930 | | | | Overall | 1. 1998 | 4a Fish Advisory-Mercury | | | |
| Waccamaw River | 15-(1)c | C Sw | 30756 | | 1998 | 4a | | 3.5 | |
| From site off SR 1930 to SR 1928 | | | | Overall | 1. 1998 | 4a Fish Advisory-Mercury | | | |

Lumber River Basin

Subbasin: 30756

TMDL has been approved by EPA. Not yet meeting standards.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|------------------------------|----------------------|-------|----------|----------------|-------------|---------------------------------|-----------------------|-------|-------|
| Big Creek | 15-2-6 | C Sw | 30756 | | 1998 | 4a | | 5.0 | |
| From source to Lake Waccamaw | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |

Lumber River Basin

Subbasin: 30757

TMDL has been approved by EPA. Not yet meeting standards.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|-------|----------|----------------|-------------|---------------------------------|-----------------------|-------|-------|
| Waccamaw River | 15-(1)d | C Sw | 30757 | | 1998 | 4a | | 8.9 | |
| From SR 1928 to NC 130 | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |
| Waccamaw River | 15-(1)e | C Sw | 30757 | | 1998 | 4a | | 18.1 | |
| From NC 130 to NC 904 | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |
| Waccamaw River | 15-(18) | B Sw | 30757 | | 1998 | 4a | | 8.4 | |
| From N.C. Hwy. 904 to North Carolina-South Carolina State Line | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |

Lumber River Basin

Subbasin: 30758

TMDL has been approved by EPA. Not yet meeting standards.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|----------------|-------------|---------------------------------|-----------------------|-------|-------|
| White Marsh | 15-4a | C Sw | 30758 | | 1998 | 4a | | 5.7 | |
| Welch Creek to Richardson Swamp | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |
| White Marsh | 15-4b | C Sw | 30758 | | 1998 | 4a | | 12.6 | |
| From Richardson Swamp to Waccamaw River | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |
| White Marsh | 15-4c | C Sw | 30758 | | 1998 | 4a | | 5.2 | |
| From source to Welch Creek | | | | Overall | 1. | 1998 4a | Fish Advisory-Mercury | | |

| Lumber River Basin Impaired Totals: | | |
|-------------------------------------|--------------|--------------|
| <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
| 39 | 250.9 | 2663.8 |

| Totals for the Lumber River Basin | | | | <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
|-----------------------------------|--|--|--|-----------------|--------------|--------------|
| Category 4a | | | | 35 | 250.9 | 41.8 |
| Category 5 | | | | 1 | | 0.0 |
| Category 7 | | | | 3 | | 2622.0 |

Neuse River Basin

Subbasin:

Waters for which TMDLs are required.

| <u>Waterbody and Description</u> | <u>Assessment Unit (AU)</u> | <u>Class</u> | <u>Subbasin</u> | <u>ImpairedUse</u> | <u>Year Listed</u> | <u>Category and Reason for Listing</u> | <u>Potential Source(s)</u> | <u>Miles</u> | <u>Acres</u> |
|---|-----------------------------|--------------|-----------------|-------------------------|--------------------|--|----------------------------|--------------|--------------|
| Atlantic Ocean | 99-(5) | SB NSW | | | 2000 | 5 | | 21.0 | |
| The waters of the Atlantic Ocean contiguous to that portion of the Neuse River Basin that extends from the southwest tip of Ocracoke Island to the southwest side of Drum Inlet | | | | Fish Consumption | 1. 2000 | 5 Fish Advisory-Mercury | | | |

Neuse River Basin

Subbasin: 30401

Waters with impaired biological integrity.

| <u>Waterbody and Description</u> | <u>Assessment Unit (AU)</u> | <u>Class</u> | <u>Subbasin</u> | <u>ImpairedUse</u> | <u>Year Listed</u> | <u>Category and Reason for Listing</u> | <u>Potential Source(s)</u> | <u>Miles</u> | <u>Acres</u> |
|--|-----------------------------|--------------|-----------------|---------------------|--------------------|---|------------------------------|--------------|--------------|
| Lick Creek | 27-11-(0.5) | WS-IV NSW | 30401 | | 1998 | 6 | | 6.5 | |
| From source to Wake County SR 1809 | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Lick Creek | 27-11-(1.5) | WS-IV NSW CA | 30401 | | 2004 | 6 | | 0.7 | |
| From Wake County SR 1809 to Falls Lake, Neuse River | | | | Aquatic Life | 1. 2004 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Flat River | 27-3-(8) | WS-IV NSW | 30401 | | 1998 | 4c | | 1.1 | |
| From dam at Lake Michie to a point 0.2 miles upstream of Durham County SR 1004 | | | | Aquatic Life | 1. 1998 | 4c Standard violation: Low Dissolved Oxygen | 1. Upstream Impoundment | | |
| Knap of Reeds Creek | 27-4-(6) | WS-IV NSW | 30401 | | 1998 | 6 | | 4.6 | |
| From dam at Butner Lake to a point 1.9 miles downstream of Granville County SR 1120 | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Source Unknown | | |
| Knap of Reeds Creek | 27-4-(8) | WS-IV NSW CA | 30401 | | 1998 | 6 | | 0.6 | |
| From a point 1.9 miles downstream of Granville County SR 1120 to Falls Lake, Neuse River | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Source Unknown | | |

Neuse River Basin

Subbasin: 30401

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|---------------------|--------------------|---|---|--------------|--------------|
| Ellerbe Creek From source to I-85 Bridge | 27-5-(0.3) | C NSW | 30401 | Aquatic Life | 1998 6 | 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | 6.1 | |
| Ellerbe Creek From I-85 Bridge to a point 0.2 mile upstream of Durham County SR 1636 | 27-5-(0.7) | WS-IV NSW | 30401 | Aquatic Life | 1998 6 | 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | 5.9 | |
| Ellerbe Creek From a point 0.2 mile upstream of Durham County SR 1636 to Falls Lake, Neuse River | 27-5-(2) | WS-IV NSW CA | 30401 | Aquatic Life | 1998 6 | 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | 0.5 | |
| Little Lick Creek From source to a point 0.4 mile upstream of Durham County SR 1811 | 27-9-(0.5) | WS-IV NSW | 30401 | Aquatic Life | 1998 5 | 1. 1998 5 Impaired biological integrity: stressors not identified 2. 1998 5 Standard violation: Low Dissolved Oxygen | 1. Urban Runoff/Storm Sewers 2. Construction | 7.2 | |
| Little Lick Creek (including portion of Little Lick Creek Arm of Falls Lake) From a point 0.4 mile upstream of Durham SR 1811 to Falls Lake, Neuse River | 27-9-(2) | WS-IV NSW CA | 30401 | Aquatic Life | 1998 6 | 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | 0.6 | |

Neuse River Basin

Subbasin: 30402

Waters impaired by pollution. TMDLs are not appropriate.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|--------------------|--------------------|---|----------------------------|--------------|--------------|
| Toms Creek (Mill Creek) From source to Browns Lake | 27-24a | C NSW | 30402 | Overall | 1998 4b | 1. 1998 4b Impaired biological integrity: Chlorine 2. 1998 4c Impaired biological integrity: stressor study complete | | 1.6 | |

Neuse River Basin

Subbasin: 30402

Waters impaired by pollution. TMDLs are not appropriate.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|---------------------|--------------------|---|---------------------------------|--------------|--------------|
| Toms Creek (Mill Creek) From Browns Lake to Neuse River | 27-24b | C NSW | 30402 | | 1998 | 4b | | 1.5 | |
| | | | | Aquatic Life | 1. 1998 | 4b Impaired biological integrity: Chlorine | 1. Package Plants (Small Flows) | | |
| | | | | | 2. 1998 | 4c Impaired biological integrity: stressor study complete | 2. Non-urban development | | |
| Perry Creek (Greshams Lake) From source to dam at Greshams Lake | 27-25-(1) | B NSW | 30402 | | 1998 | 6 | | 2.4 | |
| | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Perry Creek From dam at Greshams Lake to Neuse River | 27-25-(2) | C NSW | 30402 | | 1998 | 6 | | 2.5 | |
| | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Crabtree Creek From source to backwaters of Crabtree Lake | 27-33-(1) | C NSW | 30402 | | 1998 | 6 | | 5.1 | |
| | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Crabtree Creek From mouth of Hairsnipe Creek to 2.75 miles upstream of Neuse River | 27-33-(10)b | C NSW | 30402 | | 2004 | 6 | | 10.9 | |
| | | | | Aquatic Life | 1. 2004 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Crabtree Creek (Crabtree Lake) From backwaters of Crabtree Lake to Cary WWTP | 27-33-(3.5)a | B NSW | 30402 | | 1998 | 6 | | 6.8 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Crabtree Creek (Crabtree Lake) From Cary WWTP to mouth of Richlands Creek | 27-33-(3.5)b | B NSW | 30402 | | 1998 | 5 | | 5.0 | |
| | | | | Overall | 1. 1998 | 5 Standard violation: Turbidity | 1. Land Development | | |
| | | | | | 2. 1998 | 4a Standard violation: Low Dissolved Oxygen | 2. Urban Runoff/Storm Sewers | | |
| Richlands Creek From source to Crabtree Creek | 27-33-11 | C NSW | 30402 | | 2004 | 6 | | 4.7 | |
| | | | | Aquatic Life | 1. 2004 | 6 Impaired biological integrity: stressors not identified | 1. Construction | | |

Neuse River Basin

Subbasin: 30402

Waters impaired by pollution. TMDLs are not appropriate.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|---------------------|--------------------|---|---|--------------|--------------|
| Hickory Creek From source to dam at Lake Lynn | 27-33-12-(1) | B NSW | 30402 | Aquatic Life | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | 2.0 | |
| Hare Snipe Creek From dam at Lake Lynn to Crabtree Creek | 27-33-12-(2) | C NSW | 30402 | Aquatic Life | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | 2.5 | |
| Mine Creek From source to Shelly Lake | 27-33-14a | C NSW | 30402 | Aquatic Life | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | 3.3 | |
| Mine Creek From Shelly Lake to Crabtree Creek | 27-33-14b | C NSW | 30402 | Aquatic Life | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | 1.5 | |
| Pigeon House Branch From source to Crabtree Creek | 27-33-18 | C NSW | 30402 | Aquatic Life | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers 2. Industrial Permitted | 2.9 | |
| | | | | Overall | 1. 1998 4a | Standard violation: Fecal Coliform | | | |
| | | | | | 2. 1998 4a | Action level violation: Copper | | | |
| Marsh Creek From source to Crabtree Creek | 27-33-20 | C NSW | 30402 | Aquatic Life | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | 6.2 | |
| Black Creek From source to Crabtree Lake, Crabtree Cr. | 27-33-5 | C NSW | 30402 | Aquatic Life | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | 3.6 | |
| Reedys Creek (Reedy Creek Lake) Wake County | 27-33-8 | B NSW | 30402 | Overall | 1998 | 5 1. 1998 5 Aquatic Weeds(Hydrilla sp.) | | 28.8 | |

Neuse River Basin

Subbasin: 30402

Waters impaired by pollution. TMDLs are not appropriate.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|---------------------|--------------------|--|---|---|--------------|
| Sycamore Creek (Big Lake) Entire Lake | 27-33-9 | B NSW | 30402 | | 1998 | 5 | | | 62.0 |
| | | | | Overall | 1. 1998 | 5 | Aquatic Weeds (Hydrilla sp.) | | |
| Walnut Creek From dam at Lake Johnson to backwaters of Lake Raleigh | 27-34-(1.7) | C NSW | 30402 | | 1998 | 6 | | | 1.4 |
| | | | | Overall | 1. 1998 | 6 | Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | |
| Walnut Creek From dam at Lake Raleigh to UT 0.6 miles west of I-440 | 27-34-(4)a | C NSW | 30402 | | 1998 | 6 | | | 6.4 |
| | | | | Overall | 1. 1998 | 6 | Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | |
| Swift Creek From source to confluence with Williams Creek | 27-43-(1)a | WS-III NSW | 30402 | | 1998 | 6 | | | 2.6 |
| | | | | Overall | 1. 1998 | 6 | Impaired biological integrity: stressor study complete | 1. Land Development 2. Agriculture | |
| Swift Creek From confluence with Williams Creek to backwaters of Lake Wheeler | 27-43-(1)b | WS-III NSW | 30402 | | 1998 | 6 | | | 5.5 |
| | | | | Aquatic Life | 1. 1998 | 6 | Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers | |
| Little Creek From source to Swift Creek | 27-43-12 | C NSW | 30402 | | 1998 | 6 | | | 11.4 |
| | | | | Aquatic Life | 1. 1998 | 6 | Impaired biological integrity: stressors not identified | 1. Source Unknown | |
| Williams Creek From source to Swift Creek | 27-43-2 | WS-III NSW | 30402 | | 1998 | 6 | | | 2.6 |
| | | | | Overall | 1. 1998 | 6 | Impaired biological integrity: stressors not identified | 1. Construction 2. Urban Runoff/Storm Sewers | |

Neuse River Basin

Subbasin: 30403

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|---------------------|--------------------|--|------------------------------|--------------|--------------|
| Middle Creek | 27-43-15-(1)a | C NSW | 30403 | | 2004 | 5 | | 1.4 | |
| From source to 0.8 miles south of US 1 | | | | Aquatic Life | 1. 2004 | 5 Standard violation: Low Dissolved Oxygen | 1. Urban Runoff/Storm Sewers | | |

Neuse River Basin

Subbasin: 30404

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---------------------------------------|-----------------------------|--------------|-----------------|---------------------|--------------------|--|---------------------------------|--------------|--------------|
| Black Creek | 27-45-(14) | C NSW | 30404 | | 2004 | 5 | | 2.0 | |
| From dam at Holts Lake to Neuse River | | | | Aquatic Life | 1. 2004 | 5 Standard violation: Low Dissolved Oxygen | 1. Source Unknown | | |
| Hannah Creek | 27-52-6a | C NSW | 30404 | | 2004 | 5 | | 10.3 | |
| From source to NC 96 | | | | Aquatic Life | 1. 2004 | 5 Standard violation: Low Dissolved Oxygen | 1. Major Municipal Point Source | | |

Neuse River Basin

Subbasin: 30405

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-------------------------|--------------------|---|--|--------------|--------------|
| NEUSE RIVER | 27-(56)b | C NSW | 30405 | | 2004 | 5 | | 63.2 | |
| From subbasin 030405-030412 boundary to mouth of Contentnea Creek | | | | Fish Consumption | 1. 2004 | 5 Fish Advisory-Mercury | | | |
| Stoney Creek | 27-62 | C NSW | 30405 | | 1998 | 6 | | 10.7 | |
| From source to Neuse River | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: Toxicity | 1. Urban Runoff/Storm Sewers 2. Agriculture | | |

Neuse River Basin

Subbasin: 30405

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|---------------------|-------------|--|---------------------------------|-------|-------|
| Walnut Creek (Lake Wackena, Spring Lake) | 27-68 | C NSW | 30405 | | 1998 | 5 | | | 6.9 |
| From source to Neuse River | | | | Aquatic Life | 1. 2004 | 5 Standard violation: Low Dissolved Oxygen | 1. Minor Municipal Point Source | | |
| | | | | Overall | 1. 1998 | 5 Aquatic Weeds | | | |

Neuse River Basin

Subbasin: 30406

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|-----------|----------|---------------------|-------------|---|-----------------------------------|-------|-------|
| Little River | 27-57-(20.2)a | WS-IV NSW | 30406 | | 2004 | 5 | | | 8.5 |
| From Spring Branch to 4.2 miles upstream of NC 581 | | | | Aquatic Life | 1. 2004 | 5 Standard violation: Low Dissolved Oxygen | 1. Minor Municipal Point Source | | |
| Little River (Tarpleys Pond) | 27-57-(8.5)b | WS-V NSW | 30406 | | 2004 | 5 | | | 11.5 |
| From Little Buffalo Creek to Spring Branch | | | | Aquatic Life | 1. 2004 | 5 Standard violation: Low Dissolved Oxygen | 1. Minor Municipal Point Source | | |
| Buffalo Creek | 27-57-16-(2) | B NSW | 30406 | | 1998 | 6 | | | 5.8 |
| From dam at Robertsons Pond to a point 200 feet upstream from West Haywood Street near Wendell | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture | | |
| Buffalo Creek (Wendell Lake) | 27-57-16-(3)a | C NSW | 30406 | | 1998 | 6 | | | 5.0 |
| From a point 200 feet upstream from West Haywood Street near Wendell to Little River | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture 2. Construction | | |

Neuse River Basin

Subbasin: 30407

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|---------------------|--------------------|---|------------------------------|--------------|--------------|
| Contentnea Cr (Buckhorn Reservoir) | 27-86-(1) | WS-V NSW | 30407 | | 1998 | 6 | | 5.7 | |
| From source to a point 0.6 mile upstream of Marsh Swamp | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture | | |
| | | | | | 2. 1998 | 4a Standard violation: Low Dissolved Oxygen | | | |
| Nahunta Swamp | 27-86-14 | C Sw NSW | 30407 | | 1998 | 6 | | 27.1 | |
| From source to Contentnea Creek | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture | | |
| Little Creek (West Side) | 27-86-2-4 | C NSW | 30407 | | 1998 | 5 | | 4.1 | |
| From source to Moccasin Creek | | | | Aquatic Life | 1. 1998 | 5 Standard violation: Low Dissolved Oxygen | 1. Urban Runoff/Storm Sewers | | |
| Little Contentnea Creek | 27-86-26 | C Sw NSW | 30407 | | 1998 | 5 | | 34.9 | |
| From source to Contentnea Creek | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture | | |
| | | | | | 2. 1998 | 5 Standard violation: Low Dissolved Oxygen | 2. Crop Production | | |
| Hominy Swamp | 27-86-8 | C Sw NSW | 30407 | | 2004 | 6 | | 9.9 | |
| From source to Contentnea Creek | | | | Aquatic Life | 1. 2004 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |

Neuse River Basin

Subbasin: 30408

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|---------------------|--------------------|--|----------------------------|--------------|--------------|
| NEUSE RIVER | 27-(96)a | SC Sw NSW | 30408 | | 2004 | 4a | | 426.5 | |
| From Streets Ferry to subbasin 030408-030410 boundary | | | | Aquatic Life | 1. 2004 | 4a Standard violation: Chlorophyll a | 1. Other | | |

Neuse River Basin

Subbasin: 30408

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|---------------------|--------------------|---|----------------------------|--------------|--------------|
| Core Creek | 27-90b | C Sw NSW | 30408 | | 1998 | 6 | | | 15.4 |
| From Grape Creek to Neuse River | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Source Unknown | | |

Neuse River Basin

Subbasin: 30409

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|---------------------|--------------------|---|--|--------------|--------------|
| Swift Creek | 27-97-(0.5)a | C Sw NSW | 30409 | | 1998 | 6 | | | 24.6 |
| From source to Clayroot Swamp | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture 2. Channelization | | |
| Swift Creek | 27-97-(0.5)b | C Sw NSW | 30409 | | 1998 | 6 | | | 14.4 |
| From Clayroot Swamp to mouth of Bear Branch | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture | | |
| Swift Creek | 27-97-(6) | SC Sw NSW | 30409 | | 2002 | 6 | | | 8.0 |
| From mouth of Bear Branch to Neuse River | | | | Aquatic Life | 1. 2002 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture | | |
| Clayroot Swamp | 27-97-5 | C Sw NSW | 30409 | | 1998 | 6 | | | 12.9 |
| From source to Swift Creek | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Agriculture | | |
| Creeping Swamp | 27-97-5-3 | C Sw NSW | 30409 | | 1998 | 5 | | | 8.1 |
| From source to Clayroot Swamp | | | | Overall | 1. 1998 | 5 Standard violation: Chlorophyll a | 1. Nonirrigated Crop Production 2. Channelization | | |

Neuse River Basin

Subbasin: 30410

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|---------------------------------|--------------|--------------|
| NEUSE RIVER | 27-(104) | SB Sw NSW | 30410 | | 2004 | 4a | | | 24492.9 |
| From a line across Neuse River from Johnson Point to McCotter Point to a line across Neuse River from Wilkinson Point to Cherry Point | | | | Aquatic Life | 1. 2004 | 4a Standard violation: Chlorophyll a | 1. Other | | |
| NEUSE RIVER | 27-(118)b [F1] | SA NSW | 30410 | | 2004 | 5 | | | 96.2 |
| DEH prohibited area at mouth of Clubfoot Creek | | | | Shellfish Harvesting | 1. 2004 | 5 Shellfish harvesting closure: Fecal coliform | | | |
| NEUSE RIVER | 27-(118)c [F5] | SA NSW | 30410 | | 2004 | 5 | | | 61.7 |
| DEH prohibited area at mouth of Green Creek | | | | Shellfish Harvesting | 1. 2004 | 5 Shellfish harvesting closure: Fecal coliform | | | |
| NEUSE RIVER | 27-(118)d [F5] | SA NSW | 30410 | | 2004 | 5 | | | 7.7 |
| DEH prohibited area at mouth of Peirce Creek | | | | Shellfish Harvesting | 1. 2004 | 5 Shellfish harvesting closure: Fecal coliform | | | |
| NEUSE RIVER | 27-(96)b | SC Sw NSW | 30410 | | 2004 | 4a | | | 5838.0 |
| From subbasin 030408-030410 boundary to a line across Neuse River from Johnson Point to McCotter Point | | | | Aquatic Life | 1. 2004 | 4a Standard violation: Chlorophyll a | 1. Other | | |
| Trent River | 27-101-(31)b | SB Sw NSW | 30410 | | 2004 | 4b | | | 509.7 |
| From boundary between subbasins 030410 and 030411 to mouth of Brice Creek | | | | Aquatic Life | 1. 2004 | 4b Standard violation: Chlorophyll a | 1. Other | | |
| Trent River | 27-101-(39) | SB Sw NSW | 30410 | | 2004 | 4b | | | 500.1 |
| From mouth of Brice Creek to Neuse River | | | | Aquatic Life | 1. 2004 | 4b Standard violation: Chlorophyll a | 1. Other | | |
| Brice Creek | 27-101-40-(1) | C Sw NSW | 30410 | | 1998 | 6 | | | 18.3 |
| From source to Craven County SR 1004 | | | | Overall | 1. 1998 | 6 Impaired based on bioclassification: Cause Unknown | 1. Nonirrigated Crop Production | | |

Neuse River Basin

Subbasin: 30410

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|---|--------------|--------------|
| Clubfoot Creek From source to Neuse River | 27-123 [F1] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 7 | | | 562.6 |
| | | | | | 1. 2004 | 7 | Shellfish harvesting closure: Fecal coliform | | |
| Harlowe Canal From White Oak River Basin Boundary (Craven-Carteret County Line) to Clubfoot Creek | 27-123-1 [F1] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 7 | | 0.6 | |
| | | | | | 1. 2004 | 7 | Shellfish harvesting closure: Fecal coliform | | |
| Mortons Mill Pond From source to Clubfoot Creek | 27-123-2 [F1] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | | | 30.6 |
| | | | | | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| West Prong Mortons Mill Pond From source to Mortons Mill Pond | 27-123-2-1 [F1] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | | 1.4 | |
| | | | | | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| East Prong Mortons Mill Pond From source to Mortons Mill Pond | 27-123-2-2 [F1] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | | 0.6 | |
| | | | | | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Gulden Creek From source to Clubfoot Creek | 27-123-3 [F1] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | | | 34.9 |
| | | | | | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Mitchell Creek From source to Clubfoot Creek | 27-123-4 [F1] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | | | 117.5 |
| | | | | | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Big Branch From source to Mitchell Creek | 27-123-4-1 [F1] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | | | 1.6 |
| | | | | | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |

Neuse River Basin

Subbasin: 30410

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|--|--------------|--------------|
| Snake Branch From source to Mitchell Creek | 27-123-4-2 [F1] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | 0.9 | |
| Dawson Creek From mouth of Tarkiln Creek to Neuse River | 27-125-(6) [F1] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 122.1 |
| Adams Creek Canal (Intracoastal Waterway) From the White Oak River Basin Boundary (Craven-Cataret County Line) to Adams Creek | 27-128-1 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 7 | 1. 2004 7 Shellfish harvesting closure: Fecal coliform | | 138.9 |
| Jerry Bay From source to Adams Creek | 27-128-1.5 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 52.2 |
| Isaac Creek From source to Adams Creek | 27-128-2 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 39.1 |
| Back Creek (Black Creek) From source to Adams Creek | 27-128-3 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 261.7 |
| Kearney Creek From source to Adams Creek | 27-128-4 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 4.0 |
| Dumpling Creek From source to Adams Creek | 27-128-7 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 25.4 |

Neuse River Basin

Subbasin: 30410

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|---|--------------|--------------|
| Adams Creek | 27-128b [F2] | SA NSW | 30410 | | 2004 | 7 | | | 3.2 |
| DEH prohibited area at mouth of Dumpling Creek | | | | Shellfish Harvesting | 1. 2004 | 7 | Shellfish harvesting closure: Fecal coliform | | |
| Adams Creek | 27-128c [F2] | SA NSW | 30410 | | 2004 | 7 | | | 317.0 |
| DEH conditionally approved-closed area from source to a line crossing Adams Creek at a point 406 meters south of mouth of Kellum Creek to a point 637 meters north of mouth of Beck Creek | | | | Shellfish Harvesting | 1. 2004 | 7 | Shellfish harvesting closure: Fecal coliform | | |
| Whittaker Creek | 27-130 [F5] | SA NSW | 30410 | | 2004 | 5 | | | 96.1 |
| From source to Neuse River | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Pierce Creek | 27-133 [F5] | SA NSW | 30410 | | 2004 | 5 | | | 50.7 |
| From source to Neuse River | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Bright Creek | 27-134-1 [F5] | SA NSW | 30410 | | 2004 | 5 | | | 10.9 |
| From source to Orchard Creek | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Orchard Creek | 27-134a [F5] | SA NSW | 30410 | | 2004 | 5 | | | 37.1 |
| From source to a line crossing Orchard Creek at a point 91 meters south of mouth of Bright Creek to a point 99 meters north of mouth of Pasture Creek | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| West Fork South River | 27-135-1 [F2] | SA NSW | 30410 | | 2004 | 7 | | | 35.5 |
| From source to South River | | | | Shellfish Harvesting | 1. 2004 | 7 | Shellfish harvesting closure: Fecal coliform | | |
| Eastman Creek | 27-135-10 [F2] | SA NSW | 30410 | | 2004 | 5 | | | 95.6 |
| From source to South River | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |

Neuse River Basin

Subbasin: 30410

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|--|--------------|--------------|
| Big Creek From source to DEH prohibited area line | 27-135-17a [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 59.6 |
| Hardy Creek From source to South River | 27-135-18 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 24.2 |
| East Fork South River From source to South River | 27-135-2 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 14.3 |
| Rich Island Gut From source to East Fork South River | 27-135-2-1 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | 0.1 | |
| Miry Gut From source to South River | 27-135-3 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 0.1 |
| Elisha Creek From source to South River | 27-135-4 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 2.2 |
| Neal Creek From source to South River | 27-135-5 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 2.9 |
| Duck Creek From source to South River | 27-135-6 [F2] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 | 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | 2.6 |

Neuse River Basin

Subbasin: 30410

TMDL has been approved by EPA. Not yet meeting standards.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|---|--------------|--------------|
| Buck Creek | 27-135-7 [F2] | SA NSW | 30410 | | 2004 | 5 | | | 6.4 |
| From source to South River | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Doe Creek | 27-135-8 [F2] | SA NSW | 30410 | | 2004 | 5 | | | 4.9 |
| From source to South River | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Southwest Creek | 27-135-9 [F2] | SA NSW | 30410 | | 2004 | 5 | | | 151.3 |
| From source to South River | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| South River | 27-135a [F2] | SA NSW | 30410 | | 2004 | 7 | | | 385.0 |
| From source to a line crossing the South River at a point 97 meters north of mouth of Southwest Creek to a point 418 meters north of mouth of Doe Creek | | | | Shellfish Harvesting | 1. 2004 | 7 | Shellfish harvesting closure: Fecal coliform | | |
| Ship Creek | 27-141-1 [F5] | SA NSW | 30410 | | 2004 | 5 | | | 5.4 |
| From source to Broad Creek | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Gideon Creek | 27-141-2 [F5] | SA NSW | 30410 | | 2004 | 5 | | | 26.0 |
| From source to Broad Creek | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Brown Creek | 27-141-3 [F5] | SA NSW | 30410 | | 2004 | 5 | | | 122.4 |
| From source to Broad Creek | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Spice Creek | 27-141-3-1 [F5] | SA NSW | 30410 | | 2004 | 5 | | | 4.7 |
| From source to Brown Creek | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |

Neuse River Basin

Subbasin: 30410

TMDL has been approved by EPA. Not yet meeting standards.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|--------|----------|-----------------------------|-------------|---|---------------------|-------|-------|
| Coffee Creek From source to Brown Creek | 27-141-3-2 [F5] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | | 7.1 |
| Tar Creek From source to Broad Creek | 27-141-4 [F5] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | | 44.3 |
| Broad Creek From source to a line across Broad Creek from a point 331 meters east of mouth of Browns Creek to a point 145 meters east of mouth of Tar Creek | 27-141a [F5] | SA NSW | 30410 | Shellfish Harvesting | 2004 | 5 1. 2004 5 Shellfish harvesting closure: Fecal coliform | | | 202.3 |

Neuse River Basin

Subbasin: 30411

NPDES controls expected to result in meeting standards.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|----------|----------|----------------|-------------|--|--|-------|-------|
| Trent River From source to mouth of Deep Gully | 27-101-(1) | C Sw NSW | 30411 | Overall | 1998 | 4b 1. 1998 4b Standard violation: Low Dissolved Oxygen | 1. Agriculture 2. Intensive Animal Feeding 3. Operations Off Farm Animal Holding/ Management Area | | 77.4 |
| Beaver Creek From source to Trent River | 27-101-15 | C Sw NSW | 30411 | Overall | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Nonirrigated Crop Production 2. Off Farm Animal Holding/ Management Area 3. Forest management (pumped drainage, fertilization, pesticide application) | | 12.3 |

Neuse River Basin

Subbasin: 30412

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|-------------------------|-------------|---------------------------------|-----------------------|-------|-------|
| NEUSE RIVER | 27-(56)a | C NSW | 30412 | | 2004 | 5 | | 5.8 | |
| From City of Goldsboro water supply intake to subbasin 030405-030412 boundary | | | | Fish Consumption | 1. 2004 | 5 | Fish Advisory-Mercury | | |

Neuse River Basin

Subbasin: 30413

The proper technical conditions do not yet exist to develop TMDLs

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|--------|----------|-----------------------------|-------------|---------------------------------|---|-------|-------|
| Bay River | 27-150-(9.5)b [F6] | SA NSW | 30413 | | 2004 | 7 | | | 100.0 |
| DEH closed extending 366 meters east of SC SA line | | | | Shellfish Harvesting | 1. 2004 | 7 | Shellfish harvesting closure: Fecal coliform | | |
| Harper Creek | 27-150-10 [F6] | SA NSW | 30413 | | 2004 | 5 | | | 32.5 |
| From source to Bay River | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Bennett Creek | 27-150-28-1 [F6] | SA NSW | 30413 | | 2004 | 5 | | | 15.7 |
| From source to Bear Creek | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Bear Creek | 27-150-28a [F6] | SA NSW | 30413 | | 2004 | 5 | | | 199.9 |
| From source to DEH prohibited area line 42 meters south of confluence with Bennett Creek | | | | Shellfish Harvesting | 1. 2004 | 5 | Shellfish harvesting closure: Fecal coliform | | |
| Gale Creek | 27-150-31a [F6] | SA NSW | 30413 | | 2004 | 7 | | | 29.4 |
| From source to DEH prohibited area line on west side of ICWW | | | | Shellfish Harvesting | 1. 2004 | 7 | Shellfish harvesting closure: Fecal coliform | | |
| Bills Creek | 27-152-3 [F6] | SA NSW | 30413 | | 2004 | 7 | | | 8.1 |
| From source to Jones Bay | | | | Shellfish Harvesting | 1. 2004 | 7 | Shellfish harvesting closure: Fecal coliform | | |

Neuse River Basin

Subbasin: 30414

The proper technical conditions do not yet exist to develop TMDLs

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|--------|----------|-----------------------------|-------------|---------------------------------|---|-------|-------|
| PAMLICO SOUND | 27-147.5c [F4] | SA NSW | 30414 | | 2004 | 7 | | | 12.5 |
| DEH prohibited area at Cedar Island Ferry Harbor in southern portion Pamlico within Neuse River Basin subbasin 030414 | | | | Shellfish Harvesting | 1. 2004 | 7 | Shellfish harvesting closure: Fecal coliform | | |
| Golden Creek | 27-148-1-2 [F3] | SA NSW | 30414 | | 2004 | 7 | | | 9.7 |
| From source to Long Bay | | | | Shellfish Harvesting | 1. 2004 | 7 | Shellfish harvesting closure: Fecal coliform | | |
| Thorofare | 27-149-1-1 [F4] | SA NSW | 30414 | | 2004 | 7 | | | 34.9 |
| From West Thorofare Bay to Thorofare Bay | | | | Shellfish Harvesting | 1. 2004 | 7 | Shellfish harvesting closure: Fecal coliform | | |

| Neuse River Basin Impaired Totals: | | |
|------------------------------------|--------------|--------------|
| <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
| 120 | 555.0 | 35568.7 |

| Totals for the Neuse River Basin | <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
|----------------------------------|-----------------|--------------|--------------|
| Category 4a | 3 | 0.0 | 30757.4 |
| Category 4b | 5 | 80.5 | 1009.9 |
| Category 4c | 1 | 1.1 | 0.0 |
| Category 5 | 58 | 192.8 | 2164.7 |
| Category 6 | 40 | 279.9 | 0.0 |
| Category 7 | 13 | 0.6 | 1636.8 |

New River Basin

Subbasin: 50701

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|--------|----------|----------------|-------------|---------------------------------|--|--|-------|
| Naked Creek | 10-1-32b | C + | 50701 | | 2000 | 6 | | | 2.0 |
| From Jefferson WWTP to South Fork New River | | | | Overall | 1. 2000 | 6 | Impaired biological integrity: stressors not identified | 1. Minor Municipal Point Source 2. Land Development | |
| Peak Creek | 10-1-35-(2)b | B Tr + | 50701 | | 2000 | 5 | | | 2.9 |
| From Ore Knob Branch to South Fork New River | | | | Overall | 1. 2000 | 5 | Standard violation: pH | 1. Abandoned Mining | |

New River Basin

Subbasin: 50701

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|--|----------------------------|--------------|--------------|
| Ore Knob Branch | 10-1-35-3 | B Tr + | 50701 | | 2000 | 5 | | 0.9 | |
| From source to Peak Creek | | | | Overall | 1. 2000 | 5 Standard violation: pH | 1. Abandoned Mining | | |
| | | | | | 2. 2000 | 5 Action level violation: Zinc | | | |
| | | | | | 3. 2000 | 5 Action level violation: Iron | | | |
| | | | | | 4. 2000 | 5 Copper | | | |
| Little Peak Creek | 10-1-35-4 | B Tr + | 50701 | | 2000 | 5 | | 2.4 | |
| From source to Peak Creek | | | | Overall | 1. 2000 | 5 Standard violation: pH | 1. Agriculture | | |
| | | | | | 2. 2000 | 5 Action level violation: Copper | 2. Abandoned mining | | |

New River Basin

Subbasin: 50702

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|---|---------------------------------|--------------|--------------|
| Little Buffalo Creek | 10-2-20-1 | C Tr + | 50702 | | 2000 | 6 | | 3.8 | |
| From source to Buffalo Creek | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Minor Municipal Point Source | | |
| | | | | | 2. 2000 | 4b Historical listing decision: Nutrients | 2. Urban Runoff/Storm Sewers | | |

| New River Basin Impaired Totals: | | |
|---|--------------|--------------|
| <i>AU Count</i> | <i>Miles</i> | <i>Acres</i> |
| 5 | 12.0 | 0.0 |

| Totals for the New River Basin | | <i>AU Count</i> | <i>Miles</i> | <i>Acres</i> |
|---------------------------------------|----------|-----------------|--------------|--------------|
| <i>Category</i> | 5 | 3 | 6.2 | |
| <i>Category</i> | 6 | 2 | 5.8 | |

Pasquotank River Basin

Subbasin:

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|-------------------------|-------------|--|---|-------|--------|
| Little River | 30-5-(2) | SC | | | 2000 | 5 | | | 6263.9 |
| From source to a line in the Little River extending from 0.2 miles upstream of the mouth of Deep Creek on the west shore across to 0.3 miles upstream of Trueblood Point on the east shore. | | | | Overall | 1. 2000 | 5 Standard violation: Low Dissolved Oxygen | 1. Agriculture 2. Onsite Wastewater Systems (Septic Tanks) | | |
| Atlantic Ocean | 99-(7) | SB | | | 2000 | 5 | | | 110.0 |
| The waters of the Atlantic Ocean contiguous to that portion of Pasquotank River Basin that extends from the North Carolina-Virginia State Line to the northeast tip of Ocracoke Island | | | | Fish Consumption | 1. 2000 | 5 Fish Advisory-Mercury | | | |

Pasquotank River Basin

Subbasin: 30151

The proper technical conditions do not yet exist to develop TMDLs

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|-----------------------------|-------------|--------------------------------------|---------------------|-------|-------|
| Croatan Sound | 30-20-(2)b | SA | 30151 | | 2002 | 7 | | | 160.2 |
| The waters of Croatan Sound enclosed in a line beginning at a point near north shore of Spencer Creek at 35 degrees 51' 45" N- 75 degrees 44' 53" W; and thence 250 yards in an easterly direction to a point at 35 degrees 51' 45" n- 75 degrees 44' 43" west | | | | Shellfish Harvesting | 1. 2002 | 7 Standard violation: Fecal Coliform | | | |
| Croatan Sound | 30-20-(2)c | SA | 30151 | | 2002 | 7 | | | 280.1 |
| The waters of Croatan Sound which include all waters within a line beginning at a point on the shore at 35 degrees 53' 56" N- 75 degrees 41' 36" W, thence WSW 800 yards to a point in the sound at 35 degrees 53' 38" N- 75 degrees 41' 53 W, thence 1975 yard | | | | Shellfish Harvesting | 1. 2002 | 7 Standard violation: Fecal Coliform | | | |
| Croatan Sound | 30-20-(2)d | SA | 30151 | | 2002 | 7 | | | 146.1 |
| The waters of Croatan Sound which include all waters on the North whore of Baum Creek to a straight line to Fl. Beacon number 2 at 35 degrees 50' 27" n-75 degrees 40' 06" W, thence in a straight line to a point on an island at 35 degrees 50' 05" N- 75 de | | | | Shellfish Harvesting | 1. 2002 | 7 Standard violation: Fecal Coliform | | | |
| Croatan Sound | 30-20-(2)e | SA | 30151 | | 2002 | 7 | | | 78.1 |
| The waters of Croatan sound which include all waters below Oyster Creek southeast to Cut Through. DEH closed area Croatan Sound 5-e | | | | Shellfish Harvesting | 1. 2002 | 7 Standard violation: Fecal Coliform | | | |

Pasquotank River Basin

Subbasin: 30151

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Croatan Sound | 30-20-(2)f | SA | 30151 | | 2002 | 7 | | | 16.4 |
| DEH Closure Area at Mann's Harbor | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Spencer Creek | 30-20-3 | SA | 30151 | | 2002 | 5 | | | 86.8 |
| From source to Croatan Sound | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Callaghan Creek | 30-20-4 | SA | 30151 | | 2002 | 5 | | | 24.8 |
| From source to Croatan Sound | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Baum Creek | 30-20-5 | SA | 30151 | | 2002 | 7 | | | 10.8 |
| From source to Croatan Sound | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Oyster Creek | 30-20-6 | SA | 30151 | | 2002 | 7 | | | 62.8 |
| From source to Croatan Sound | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Cut Through | 30-20-8b | SA | 30151 | | 2002 | 7 | | | 124.0 |
| From Roanoke Sound to DEH closure line | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Pond Island | 30-21-4b | SA | 30151 | | 2002 | 7 | | | 37.8 |
| The waters surrounding the Island within 1,000 feet from shore within subbasin 03-01-56 | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Johns Creek | 30-21-5 | SA | 30151 | | 2002 | 7 | | | 10.7 |
| From source to Roanoke Sound | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |

Pasquotank River Basin

Subbasin: 30151

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Sand Beach Creek From source to Johns Creek | 30-21-5-1 | SA | 30151 | Shellfish Harvesting | 2002 | 7 | Standard violation: Fecal Coliform | | 38.7 |
| Rockhall Creek Entire Creek | 30-21-6 | SA | 30151 | Shellfish Harvesting | 2002 | 7 | Standard violation: Fecal Coliform | | 5.8 |
| Broad Creek DEH closed area | 30-21-7b | SA | 30151 | Shellfish Harvesting | 2002 | 7 | Standard violation: Fecal Coliform | | 119.2 |
| Stumpy Point Bay All those waters bounded by a line beginning at a point 35 degrees 41' 55" N-75 degrees 46' 09" W, thence in a southeasterly direction to a point 400 yards offshore at 35 degrees 41' 46" N- 75 degrees 45' 54" W, thence in a southwesterly direction in a st | 30-22-8b | SA | 30151 | Shellfish Harvesting | 2002 | 5 | Standard violation: Fecal Coliform | | 185.8 |
| Stumpy Point Bay All those waters within an area bounded by a line beginning at a point on the east shore at 35 degrees 41' 44" N- 75 degrees 44' 18" W, thence to a point in the bay at 35 degrees 41' 28" N- 75 degrees 44' 45" W, thence to a point in the bay at 35 degrees | 30-22-8c | SA | 30151 | Shellfish Harvesting | 2002 | 5 | Standard violation: Fecal Coliform | | 245.5 |

Pasquotank River Basin

Subbasin: 30152

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|---------------------|--------------------|--|--|---|--------------|
| Little River From source to mouth of Halls Creek | 30-5-(1) | C Sw | 30152 | Aquatic Life | 1998 | 5 | Standard violation: Low Dissolved Oxygen | <ol style="list-style-type: none"> 1. Nonirrigated Crop Production 2. Off Farm Animal Holding/ Management Area 3. Land Development 4. Onsite Wastewater Systems | 11.8 |

Pasquotank River Basin

Subbasin: 30153

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|----------|----------|-------------------------|-------------|---|---|---------|-------|
| Scuppernong River | 30-14-4-(1) | C Sw | 30153 | | 1998 | 5 | | 15.2 | |
| From source to mouth of Riders Creek (First Creek) | | | | Aquatic Life | 1. 1998 | 5 Standard violation: Low Dissolved Oxygen | 1. Municipal Point Sources | | |
| | | | | | 2. 1998 | 5 Standard violation: pH | 2. Nonirrigated Crop Production | | |
| | | | | | | | 3. Specialty Crop Production | | |
| Phelps Lake | 30-14-4-6-1 | B SW ORW | 30153 | | 1998 | 5 | | 16600.0 | |
| Washington County | | | | Fish Consumption | 1. 1998 | 5 Fish Advisory- Mercury | | | |
| Kendrick Creek (Mackeys Creek) | 30-9-(1) | C Sw | 30153 | | 1998 | 5 | | 13.2 | |
| From source to U.S. Hwy. 64 at Roper | | | | Aquatic Life | 1. 1998 | 5 Standard violation: Low Dissolved Oxygen | 1. Municipal Point Sources | | |
| | | | | | 2. 1998 | 5 Standard violation: pH | 2. Nonirrigated Crop Production | | |
| | | | | | | | 3. Off Farm Animal Holding/ Management Area | | |
| Main Canal | 30-9-4 | C Sw | 30153 | | 1998 | 6 | | 5.0 | |
| From source to Kendrick Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Nonirrigated Crop Production | | |
| | | | | | | | 2. Intensive Animal Feeding Operations | | |
| | | | | | | | 3. Off Farm Animal Holding/ Management Area | | |

Pasquotank River Basin

Subbasin: 30155

The proper technical conditions do not yet exist to develop TMDLs

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|------------------------------|----------------------|-------|----------|-----------------------------|-------------|--------------------------------------|---------------------|-------|-------|
| Eagle Nest Bay | 30-22-2 | SA | 30155 | | 2002 | 7 | | 55.5 | |
| Entire Bay | | | | Shellfish Harvesting | 1. 2002 | 7 Standard violation: Fecal Coliform | | | |
| Mill Creek | 30-22-22 | SA | 30155 | | 2002 | 7 | | 16.2 | |
| From source to Pamlico Sound | | | | Shellfish Harvesting | 1. 2002 | 7 Standard violation: Fecal Coliform | | | |

Pasquotank River Basin

Subbasin: 30155

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Peters Ditch From source to Pamlico Sound | 30-22-23 | SA | 30155 | | 2002 | 7 | | | 2.4 |
| | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Askins Creek From source to Pamlico Sound | 30-22-24 | SA | 30155 | | 2002 | 7 | | | 4.9 |
| | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Cape Creek From source to Pamlico Sound | 30-22-27 | SA | 30155 | | 2002 | 7 | | | 15.8 |
| | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Brooks Creek From source to Pamlico Sound | 30-22-28 | SA | 30155 | | 2002 | 7 | | | 24.8 |
| | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Joe Saur Creek From source to Pamlico Sound | 30-22-29 | SA | 30155 | | 2002 | 7 | | | 17.9 |
| | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| The Slash From source to Sandy Bay | 30-22-30-1 | SA | 30155 | | 2002 | 7 | | | 30.9 |
| | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Sandy Bay DEH Closure Area | 30-22-30a | SA | 30155 | | 2002 | 7 | | | 28.4 |
| | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Austin Creek (Clubhouse Creek) From source to Pamlico Sound | 30-22-31 | SA | 30155 | | 2002 | 7 | | | 7.9 |
| | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |

Pasquotank River Basin

Subbasin: 30155

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Beach Slue | 30-22-9 | SA | 30155 | | 2002 | 7 | | | 76.9 |
| Entire area of Beach Slue | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Pamlico Sound | 30-22b | SA | 30155 | | 2002 | 7 | | | 12.6 |
| The waters of Pamlico Sound which include the DEH closed area of a boundary beginning at a point on land west of the Hatteras Ferry Landing at 35 degrees 12' 30" N- 75 degrees 42' 24" W, thence to a point in the ferry channel at 35 degrees 12' 37" N-75 de | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Pamlico Sound | 30-22c | SA | 30155 | | 2002 | 7 | | | 13.7 |
| The waters of the Pamlico Sound which include the DEH closed area with mouth 1.17 miles southwest of Durant Point. | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Pamlico Sound | 30-22d | SA | 30155 | | 2002 | 7 | | | 3.1 |
| The waters of Pamlico Sound which include the DEH closed area with mouth 321 meters east of east mouth of Austin Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Pamlico Sound | 30-22e | SA | 30155 | | 2002 | 7 | | | 472.9 |
| The waters of Pamlico Sound which include the DEH closed area: all creeks, canals, and tributaries along Hatteras Island between Brooks Point to west mouth of Joe Saur Creek. | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Pamlico Sound | 30-22f | SA | 30155 | | 2002 | 7 | | | 171.8 |
| The waters of Pamlico Sound which include the DEH closed area: All waters south of a line beginning at a point on the shore north of Buxton at 35 degrees 16' 44" N- 75 degrees 31' 05" W, thence in a westerly direction through Bald Point to a point on the | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Pamlico Sound | 30-22g | SA | 30155 | | 2002 | 7 | | | 0.7 |
| The waters of Pamlico Sound which include the DEH closed area at the mouth of Askins Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Pamlico Sound | 30-22h | SA | 30155 | | 2002 | 7 | | | 28.8 |
| The waters of Pamlico Sound which include the DEH closed area at the mouth of Mill Creek. This includes all waters south of a line from Big Island to the Outer Banks and all waters east of line from Big Island to Gibbs Point. | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |

Pasquotank River Basin

Subbasin: 30156

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Pond Island | 30-21-4a | SA | 30156 | | 2002 | 7 | | | 167.2 |
| The waters surrounding the Island within 1,000 feet from shore within subbasin 03-01-51 | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Roanoke Sound | 30-21b | SA | 30156 | | 2002 | 7 | | | 136.0 |
| DEH closed area on east side of Roanoke Island extending from mouth of Shallowbag Bay to Johns Creek along the shoreline | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Roanoke Sound | 30-21c | SA | 30156 | | 2002 | 7 | | | 105.3 |
| DEH closed area west of Pond Island in subbasin 03-01-51 | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Roanoke Sound | 30-21d | SA | 30156 | | 2002 | 7 | | | 386.3 |
| DEH closed area adjacent to Mill Landing on east side of Roanoke Island | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Roanoke Sound | 30-21f | SA | 30156 | | 2002 | 7 | | | 1142.4 |
| DEH closed area northeast of a line from Rhodams Point to Mann Point including Buzzard Bay | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Roanoke Sound | 30-21g | SA | 30156 | | 2002 | 4b | | | 21.4 |
| The waters of Roanoke sound which include those waters around the Villa Condominium STP Outfall beginning at a point 35 degrees 57' 54" N- 75 degrees 38' 46" W, thence 200 yards in a southwesterly direction to a point in the sound at 35 degrees 57' 48" N- | | | | Primary Recreation | 1. 2002 | 4b | Standard violation: Fecal Coliform | | |
| | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Roanoke Sound | 30-21h | SA | 30156 | | 2002 | 7 | | | 388.6 |
| DEH closed area east of Pond Island adjacent to HWY 264 bridge | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Roanoke Sound | 30-21i | SA | 30156 | | 2002 | 7 | | | 88.4 |
| DEH closed area adjacent to Mill Landing in subbasin 03-01-56 | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |

Pasquotank River Basin

Subbasin: 30156

The proper technical conditions do not yet exist to develop TMDLs

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|-----------------------------|-------------|---------------------------------|------------------------------------|-------|-------|
| Roanoke Sound | 30-21j | SA | 30156 | | 2002 | 7 | | | 34.3 |
| DEH closed area in southern portion of Roanoke Sound adjacent to Big Tim Island | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |

| Pasquotank River Basin Impaired Totals: | | |
|---|-------|---------|
| AU Count | Miles | Acres |
| 51 | 150.2 | 27957.7 |

| Totals for the Pasquotank River Basin | | | |
|---------------------------------------|----------|-------|---------|
| Category | AU Count | Miles | Acres |
| Category 4b | 1 | | 21.4 |
| Category 5 | 10 | 150.2 | 23406.8 |
| Category 6 | 1 | | 5.0 |
| Category 7 | 39 | | 4524.5 |

Roanoke River Basin

Subbasin: 30201

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|----------------------------|----------------------|-------|----------|---------------------|-------------|---------------------------------|---|--|-------|
| Town Fork Creek | 22-25a | C | 30201 | | 2002 | 6 | | 8.0 | |
| From source to Timmons Cr. | | | | Aquatic Life | 1. 2002 | 6 | Impaired biological integrity: stressors not identified | 1. Hydromodification 2. Agriculture | |

Roanoke River Basin

Subbasin: 30203

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|-------|----------|---------------------|-------------|---------------------------------|-------------------------------|------------------|-------|
| DAN RIVER | 22-(31.5) | WS-IV | 30203 | | 2002 | 5 | | 14.2 | |
| From a point 0.7 mile upstream of Jacobs Creek to a point 0.8 mile downstream of Matrimony Creek | | | | Aquatic Life | 1. 2002 | 5 | Standard violation: Turbidity | 1. Dredge Mining | |

Roanoke River Basin

Subbasin: 30203

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|---------------------|--------------------|---|---|--------------|--------------|
| Smith River | 22-40-(1) | WS-IV | 30203 | | 2002 | 6 | | 2.8 | |
| From North Carolina-Virginia State Line to a point 0.8 mile downstream of Rockingham County SR 1714 (Aiken Road) | | | | Aquatic Life | 1. 2002 | 6 Impaired biological integrity: stressors not identified | 1. Sources outside State jurisdiction or boundary | | |
| Smith River | 22-40-(2.5) | WS-IV CA | 30203 | | 2002 | 6 | | 0.5 | |
| From a point 0.8 mile downstream of Rockingham County SR 1714 (Aiken Road) to Fieldcrest Mills Water Supply Intake | | | | Aquatic Life | 1. 2002 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers 2. Sources outside State jurisdiction or boundary | | |
| Smith River | 22-40-(3) | C | 30203 | | 2002 | 6 | | 1.8 | |
| From Fieldcrest Mills Water Supply Intake to Dan River | | | | Aquatic Life | 1. 2002 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |

Roanoke River Basin

Subbasin: 30205

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-------------------------|--------------------|---|--|--------------|--------------|
| Hyco River, including Hyco Lake below elevation 410 | 22-58-(0.5) | WS-V&B | 30205 | | 1998 | 5 | | 3750.0 | |
| From source in Hyco Lake to dam of Hyco Lake, including tributary arms below elevation 410 | | | | Fish Consumption | 1. 1998 | 5 Fish Advisory-Selenium | 1. Major Industrial Point Source | | |
| Marlowe Creek | 22-58-12-6 | C | 30205 | | 1998 | 5 | | 10.9 | |
| From Source to Storys Creek | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Municipal Pretreatment (industrial dischargers) 2. Minor Non-Municipal | | |
| | | | | Overall | 1. 1998 | 5 Action level violation: Copper | 3. Collection System Failure | | |

Roanoke River Basin

Subbasin: 30206

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres | |
|---|----------------------|-------|----------|---------------------|-------------|---------------------------------|---|---|-------|--|
| Nutbush Creek (Including Nutbush Creek Arm of John H. Kerr Reservoir below normal pool elevation) | 23-8-(1) | C | 30206 | | 1998 | 6 | | 4.6 | | |
| From source to Crooked Run | | | | Aquatic Life | 1. 1998 | 6 | Impaired biological integrity: stressors not identified | 1. Major Municipal Point Source 2. Urban Runoff/Storm Sewers | | |

Roanoke River Basin

Subbasin: 30207

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres | |
|---|----------------------|-------|----------|---------------------|-------------|---------------------------------|---|--|-------|--|
| Smith Creek | 23-10 | C | 30207 | | 1998 | 5 | | 10.4 | | |
| From source to North Carolina-Virginia State Line | | | | Aquatic Life | 1. 2002 | 5 | Standard violation: Dissolved oxygen | 1. Erosion and Sedimentation 2. Agriculture | | |
| | | | | | 2. 1998 | 6 | Impaired biological integrity: stressors not identified | | | |

Roanoke River Basin

Subbasin: 30208

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres | |
|--|----------------------|------------|----------|-------------------------|-------------|---------------------------------|---|---------------------------|-------|--|
| Roanoke Rapids Lake | 23-(22.5) | WS-IV&B CA | 30208 | | 1998 | 5 | | 4893.0 | | |
| From the Lake Gaston Dam to Roanoke Rapids Dam | | | | Aquatic Life | 1. 1998 | 5 | Aquatic Weeds (Hydrilla sp. And Eurasian water milfoil) | | | |
| ROANOKE RIVER | 23-(26a) | C | 30208 | | 2002 | 5 | | 50.1 | | |
| From a line across the river 50 ft downstream of NC Hwy 48 bridge to the confluence of Sandy Run Cr at the Bertie/Northampton/Halifax Co. line | | | | Fish Consumption | 1. 2002 | 5 | Fish Advisory-Mercury | 1. Atmospheric Deposition | | |

Roanoke River Basin

Subbasin: 30208

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-------------------------|--------------------|---|---|--------------|--------------|
| ROANOKE RIVER | 23-(26b) | C | 30208 | | 2002 | 5 | | 70.3 | |
| From the confluence of Sandy Run Cr at the Bertie/Northampton/Halifax Co. line to the 18 mile marker at Jamesville | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | 1. Atmospheric Deposition | | |
| Quankey Creek | 23-30b | C | 30208 | | 1998 | 6 | | 3.4 | |
| From Little Quankey Creek to Roanoke River | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Hydromodification 2. Minor Municipal Point Source | | |

Roanoke River Basin

Subbasin: 30209

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-------------------------|--------------------|--|----------------------------|--------------|--------------|
| ROANOKE RIVER | 23-(53) | C Sw | 30209 | | 2000 | 5 | | 18.3 | |
| From 18 mile marker at Jamesville to Albemarle Sound (Batchelor Bay) | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | 1. Atmospheric Deposition | | |
| Welch Creek | 23-55 | C Sw | 30209 | | 2000 | 5 | | 13.3 | |
| From source to Roanoke River | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | 1. Atmospheric Deposition | | |
| ALBEMARLE SOUND (Batchelor Bay) | 24 | B Sw | 30209 | | 2002 | 5 | | 2586.0 | |
| West of a line extending from a point of land 0.3 mile north of mouth of Morgan Swamp in a southerly direction to a point of land on the eastside of the mouth of Roanoke River | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | 1. Atmospheric Deposition | | |
| Cashie River | 24-2-(11) | C Sw | 30209 | | 2002 | 5 | | 5.8 | |
| From the Thoroughfare (The Gut between Cashie and Roanoke Rivers) to N.C. Hwy. 45 | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | 1. Atmospheric Deposition | | |
| Cashie River | 24-2-(15) | B Sw | 30209 | | 2002 | 5 | | 1.2 | |
| From N.C. Hwy. 45 to Albemarle Sound (Batchelor Bay) | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | 1. Atmospheric Deposition | | |

Roanoke River Basin

Subbasin: 30210

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|-------------------------|-------------|---------------------------------|---------------------------|-------|-------|
| Cashie River | 24-2-(1)a | C Sw | 30210 | | 2002 | 5 | | 15.2 | |
| From Bertie County SR 1225 to a point 1 mile upstream from Bertie Co. SR 1500 | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | 1. Atmospheric Deposition | | |
| Cashie River | 24-2-(1)b | C Sw | 30210 | | 2002 | 5 | | 30.1 | |
| From source to Bertie County SR 1225 | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | 1. Atmospheric Deposition | | |
| Cashie River | 24-2-(9) | B Sw | 30210 | | 2002 | 5 | | 2.3 | |
| From a point 1.0 mile upstream from Bertie County SR 1500 to the Thoroughfare (The Gut between Cashie and Roanoke Rivers) | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | 1. Atmospheric Deposition | | |

| | | |
|---|--------------|--------------|
| Roanoke River Basin Impaired Totals: | | |
| <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
| 21 | 263.2 | 11229.0 |

| | | | | | |
|---|----|-------|-----------------|--------------|--------------|
| Totals for the Roanoke River Basin | | | <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
| Category 5 | 15 | 242.1 | 11229.0 | | |
| Category 6 | 6 | 21.1 | | | |

Tar Pamlico River Basin

Subbasin:

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|--------|----------|----------------|-------------|--|---------------------|--------|-------|
| Atlantic Ocean | 99-(6) | SB | | | 2000 | 5 | | | |
| The waters of the Atlantic Ocean contiguous to that portion of the Tar-Pamlico River Basin that extends from the northeast tip of Ocracoke Island to the southwest tip of Ocracoke Island | | | | Overall | 1. 2000 | 5 Fish Advisory-Mercury | | | |
| Goose Creek (DEH Area) | G1 | SA NSW | | | 1998 | 7 | | 300.0 | |
| | | | | Overall | 1. 1998 | 7 Shellfish harvesting closure: Fecal Coliform | | | |
| Pamlico River (DEH Area) | G11 | | | | 2000 | 4a | | 3455.0 | |
| | | | | Overall | 1. 2000 | 4a Standard violation: Chlorophyll a | | | |

Tar Pamlico River Basin

Subbasin:

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|------------------------------|----------------------|--------|----------|----------------|-------------|---------------------------------|---|--|--------|
| Pamlico River (DEH Area) | G2 | SA NSW | | | 1998 | 7 | | | 500.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | | |
| Swanquarter (DEH Area) | G3 | SA ORW | | | 1998 | 7 | | | 867.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | | |
| Wysocking Bay (DEH Area) | G4 | SA | | | 1998 | 7 | | | 255.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | | |
| Long Shoal (DEH Area) | G5 | SA | | | 1998 | 7 | | | 2054.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Agriculture 2. Onsite Wastewater Systems (Septic Systems) 3. Marinas | |
| Ocracoke (DEH Area) | G6 | SA | | | 1998 | 7 | | | 135.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | 1. Land Development | |
| Lower Pungo River (DEH Area) | G8 | SB NSW | | | 1998 | 7 | | | 714.0 |
| | | | | Overall | 1. 1998 | 7 | Shellfish harvesting closure: Fecal Coliform | | |

Tar Pamlico River Basin

Subbasin: 30301

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---------------------------|----------------------|-------|----------|----------------|-------------|---------------------------------|--|-------|-------|
| Fishing Creek | 28-11a | C NSW | 30301 | | 1998 | 6 | | | 2.0 |
| From source to SR1649 | | | | Overall | 1. 1998 | 6 | Impaired biological integrity: stressors not identified | | |

Tar Pamlico River Basin

Subbasin: 30301

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|--------------------|--------------------|---|--|--------------|--------------|
| Fishing Creek From SR1649 to Oxford WWTP | 28-11b | C NSW | 30301 | | 1998 | 6 | | 0.4 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |
| Fishing Creek From Oxford WWTP to SR 1608 | 28-11c | C NSW | 30301 | | 1998 | 6 | | 0.9 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Municipal Point Sources 2. Urban Runoff/Storm Sewers | | |
| Fishing Creek From SR1608 to Coon Creek | 28-11d | C NSW | 30301 | | 1998 | 6 | | 1.0 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Municipal Point Sources 2. Urban Runoff/Storm Sewers | | |
| Fishing Creek From Coon Creek to Tar River | 28-11e | C NSW | 30301 | | 2000 | 6 | | 6.1 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |

Tar Pamlico River Basin

Subbasin: 30302

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|--------------------|--------------------|---|----------------------------|--------------|--------------|
| Stony Creek (Boddies Millpond) From source to Tar River | 28-68 | C NSW | 30302 | | 1998 | 6 | | 23.3 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Source Unknown | | |
| Sandy Creek From dam at Southerlands Pond to NC Hwy 401 | 28-78-1-(8)a | B NSW | 30302 | | 2000 | 6 | | 3.8 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | | | |
| Sandy Creek From Hwy 401 to NC Hwy 561 | 28-78-1-(8)b | B NSW | 30302 | | 2000 | 6 | | 12.2 | |
| | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | | | |

Tar Pamlico River Basin

Subbasin: 30303

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|------------------------------------|----------------------|-------|----------|----------------|-------------|--|---|-------|-------|
| Conetoe Creek | 28-87-(0.5) | C NSW | 30303 | | 1998 | 6 | | | 15.3 |
| From source to Pitt County SR 1404 | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Municipal Point Sources 2. Nonirrigated Crop Production | | |

Tar Pamlico River Basin

Subbasin: 30305

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---------------------------|----------------------|-------|----------|----------------|-------------|---|---------------------|-------|-------|
| Chicod Creek | 28-101 | C NSW | 30305 | | 1998 | 5 | | | 13.0 |
| From source to Tar River | | | | Overall | 1. 1998 | 5 Standard violation: Low Dissolved Oxygen | 1. Agriculture | | |
| | | | | | 2. 2000 | 5 Standard violation: Fecal Coliform | | | |
| | | | | | 3. 1998 | 6 Impaired biological integrity: stressors not identified | | | |

Tar Pamlico River Basin

Subbasin: 30307

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|----------------|-------------|---|---------------------------|-------|-------|
| Kennedy Creek | 28-104 | C NSW | 30307 | | 2000 | 6 | | | 0.8 |
| From source to Tar River | | | | Overall | 1. 2000 | 6 Impaired biological integrity: stressors not identified | 1. Municipal Pretreatment | | |
| Jack Creek | 29-12-4-(1) | C NSW | 30307 | | 1998 | 6 | | | 1.1 |
| From source to a point three-fourths mile above mouth | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |

| Tar Pamlico River Basin Impaired Totals: | | |
|--|--------------|--------------|
| <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
| 21 | 79.9 | 8280.0 |

| Totals for the Tar Pamlico River Basin | | | | <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
|--|--|----|------|-----------------|--------------|--------------|
| Category 4a | | 1 | | | | 3455.0 |
| Category 5 | | 2 | 13.0 | | | 0.0 |
| Category 6 | | 11 | 66.9 | | | 0.0 |
| Category 7 | | 7 | | | | 4825.0 |

White Oak River Basin

Subbasin:

Waters for which TMDLs are required.

| <u>Waterbody and Description</u> | <u>Assessment Unit (AU)</u> | <u>Class</u> | <u>Subbasin</u> | <u>ImpairedUse</u> | <u>Year Listed</u> | <u>Category and Reason for Listing</u> | <u>Potential Source(s)</u> | <u>Miles</u> | <u>Acres</u> |
|---|-----------------------------|--------------|-----------------|-------------------------|--------------------|--|----------------------------|--------------|--------------|
| Atlantic Ocean | 99-(4) | SB | | | 2000 | 5 | | 91.0 | |
| The waters of the Atlantic Ocean contiguous to that portion of the White Oak River Basin that extends from the northern boundary of White Oak River Basin (southwest side of Drum Inlet) to the southern boundary of White Oak River Basin (northern boundary o | | | | Fish Consumption | 1. 2000 | 5 | Fish Advisory-Mercury | | |

White Oak River Basin

Subbasin: 30501

The proper technical conditions do not yet exist to develop TMDLs

| <u>Waterbody and Description</u> | <u>Assessment Unit (AU)</u> | <u>Class</u> | <u>Subbasin</u> | <u>ImpairedUse</u> | <u>Year Listed</u> | <u>Category and Reason for Listing</u> | <u>Potential Source(s)</u> | <u>Miles</u> | <u>Acres</u> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Intracoastal Waterway | 19-41-(0.5)d | SA | 30501 | | 2002 | 7 | | | 281.6 |
| From subbasin boundary to southwest mouth of Bear Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Intracoastal Waterway | 19-41-(0.5)e | SA | 30501 | | 2002 | 7 | | | 81.0 |
| From southwest mouth of Bear Creek to mouth of Goose Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Intracoastal Waterway | 19-41-(14.5)a | SA ORW | 30501 | | 2002 | 7 | | | 211.0 |
| From the northeast mouth of Goose Creek to the southwest mouth of Queen Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Intracoastal Waterway | 19-41-(15.5)a | SA | 30501 | | 2002 | 7 | | | 165.3 |
| From the southwest mouth of Queen Creek to Whiteoak River | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30501

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Mill Creek From source to Bear Creek | 19-41-11-1 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 14.6 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Bear Creek From source to DEH closed area line | 19-41-11a | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 113.4 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Bear Creek From DEH closed area line to intracoastal waterway. | 19-41-11b | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 195.6 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Goose Creek From source to Intracoastal Waterway | 19-41-14 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 2.6 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Bell Swamp From source to Queen Creek | 19-41-16-1 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 0.7 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Pasture Branch From source to Queen Creek | 19-41-16-2 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 0.7 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Halls Creek From source to Queen Creek | 19-41-16-3 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 26.9 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Parrot Swamp From source to DEH closure line. | 19-41-16-4a | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 75.0 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30501

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Parrot Swamp From DEH closure line to Queen Creek | 19-41-16-4b | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 45.4 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Dicks Creek From source to Queen Creek | 19-41-16-5 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 21.9 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Queen Creek DEH closed area from source to DEH Conditionally Approved closed line at Queens Creek Road Bridge. | 19-41-16a | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 233.6 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Queen Creek From DEH Conditionally Approved closed line at Queens Creek Road Bridge to DEH Conditionally Approved Open line at northeast mouth of Parrot Swamp. | 19-41-16b | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 161.2 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Queen Creek From DEH Conditionally Approved Open Line at Northeast mouth of Parrot Swamp to Intercoastal Waterway | 19-41-16c | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 270.6 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Queen Creek DEH closed area at mouth of Dicks Creek | 19-41-16d | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 3.0 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Bear Island ORW Area All waters within an area north of Bear Island defined by a line from the western most point on Bear Island and running along the eastern shore of Sanders Creek to the northeast mouth of Goose Creek on the mainland, east to the southwest mouth of Queen Cr | 19-41-18b | SA ORW | 30501 | Shellfish Harvesting | 2002 | 5 | | | 69.6 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Browns Creek From source to Intracoastal Waterway | 19-41-8 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 52.8 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30501

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|--|--------------|--------------|
| WHITE OAK RIVER DEH closed area from Hunters Creek to DEH closure line. | 20-(18)a | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 468.1 |
| WHITE OAK RIVER From DEH closure line to DEH Conditionally Approved Closed line. | 20-(18)b | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 1422.2 |
| WHITE OAK RIVER From DEH Conditionally Approved Closed line to the DEH Conditionally Approved Open line | 20-(18)c | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 2124.2 |
| WHITE OAK RIVER DEH closed area adjacent to the east side of the White Oak River Restricted Area | 20-(18)d | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 46.6 |
| Pitts Creek (Hargetts Creek) From source to White Oak River | 20-21 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 0.3 |
| Cales Creek From source to White Oak River | 20-22 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 6.5 |
| Hadnot Creek From source to White Oak River | 20-23 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 43.4 |
| Schoolhouse Branch From source to Hadnot Creek | 20-23-1 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 0.7 |

White Oak River Basin

Subbasin: 30501

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Steep Hill Branch From source to Hadnot Creek | 20-23-2 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | 0.8 | |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Caleb Branch (City Weeks Branch) From source to Hadnot Creek | 20-23-3 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | 1.8 | |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Godfry Branch From source to White Oak River | 20-24 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 3.4 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Holland Mill Creek From source to White Oak River | 20-26 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 24.1 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Cartwheel Branch From source to Holland Mill Creek | 20-26-1 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 3.7 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Hampton Bay Entire Bay | 20-27 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 82.1 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Stevens Creek From source to White Oak River | 20-28 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 5.7 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Pettiford Creek Bay Entire Bay | 20-29 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | | | 239.3 |
| | | | | | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30501

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|--|--------------|--------------|
| Pettiford Creek From source to Pettiford Creek Bay | 20-29-1 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 35.2 |
| Mill Creek From source to Pettiford Creek | 20-29-1-1 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | 1.7 | |
| Starkey Creek From source to Pettiford Creek Bay | 20-29-2 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 29.2 |
| Mullet Gut From source to Starkey Creek | 20-29-2-1 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 1.1 |
| Dubling Creek From source to White Oak River | 20-30 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 53.3 |
| Boathouse Creek From source to White Oak River | 20-31 | SA | 30501 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 15.8 |

White Oak River Basin

Subbasin: 30502

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-------------------------|--------------------|--|---------------------------------|--------------|--------------|
| New River From Source to Blue Creek | 19-(1) | C NSW | 30502 | Fish Consumption | 2002 | 5 | 1. 2002 5 Fish Advisory-Mercury | | 28.4 |

White Oak River Basin

Subbasin: 30502

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|----------------------------|--------------|--------------|
| New River | 19-(10.5) | SB HQW NSW | 30502 | | 2002 | 4b | | | 48.8 |
| From U.S Hwy 17 bridge to Atlantic Coast Line Railroad Trestle | | | | Overall | 1. 2002 | 4b Standard violation: Chlorophyll a | | | |
| New River | 19-(11) | SC HQW NSW | 30502 | | 2002 | 4b | | | 574.3 |
| From Atlantic Coast Line Railroad Trestle to Mumford Point | | | | Overall | 1. 2002 | 4b Standard violation: Chlorophyll a | | | |
| New River | 19-(15.5) | SC NSW | 30502 | | 2002 | 4b | | | 6580.6 |
| Portion of following north of a line extending across the New River from the North mouth of Morgan Bay to the Mouth of Southwest Creek From Mumford Point to a line extending across the river from Grey Point to point of land approximately 2200 yards downst | | | | Overall | 1. 2002 | 4b Standard violation: Chlorophyll a | | | |
| NEW RIVER | 19-(27)b | SA | 30502 | | 2002 | 5 | | | 18.1 |
| From Everett Bay to DEH closure line | | | | Shellfish Harvesting | 1. 2002 | 5 Standard violation: Fecal Coliform | | | |
| NEW RIVER | 19-(27)c | SA | 30502 | | 2002 | 5 | | | 49.8 |
| From Fannie Creek and Wheeler Creek to DEH closure line. | | | | Shellfish Harvesting | 1. 2002 | 5 Standard violation: Fecal Coliform | | | |
| New River | 19-(7) | SB NSW | 30502 | | 2002 | 4b | | | 116.0 |
| From Blue Creek to US Hwy 17 Bridge | | | | Overall | 1. 2002 | 4b Standard violation: Chlorophyll a | | | |
| Brinson Creek | 19-12 | SC NSW | 30502 | | 2002 | 5 | | | 2.9 |
| From Source to New River | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | | | |
| Wilson Bay | 19-14 | SC HQW NSW | 30502 | | 2002 | 4b | | | 108.6 |
| Entire Bay | | | | Overall | 1. 2002 | 4b Standard violation: Chlorophyll a | | | |
| Northeast Creek | 19-16-(0.5) | SC NSW | 30502 | | 2002 | 5 | | | 10.3 |
| From Source to HWY 24 | | | | Fish Consumption | 1. 2002 | 5 Fish Advisory-Mercury | | | |

White Oak River Basin

Subbasin: 30502

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------|--------------|--------------|
| Northeast Creek From NC Hwy 24 to downstream side of mouth of Scales Creek | 19-16-(3.5) | SC HQW NSW | 30502 | Overall | 2002 | 4b Standard violation: Chlorophyll a | | 680.3 | |
| Northeast Creek From the downstream side of mouth of Scales Creek to New River | 19-16-(4.5) | SC NSW | 30502 | Overall | 2002 | 4b Standard violation: Chlorophyll a | | 451.5 | |
| Little Northeast Creek From source to Northeast Creek | 19-16-2 | C NSW | 30502 | Overall | 1998 | 5 Standard violation: Low Dissolved Oxygen | 1. Urban Runoff/Storm Sewers | 8.3 | |
| Southwest Creek From Mill Run to New River | 19-17-(6.5) | C HQW NSW | 30502 | Overall | 2002 | 4b Standard violation: Chlorophyll a | 1. Natural Sources | 2.6 | 594.7 |
| Mill Creek From source to Stones Bay | 19-30-1 | SA | 30502 | Shellfish Harvesting | 2002 | 5 Standard violation: Fecal Coliform | | 35.3 | |
| Muddy Creek From source to Stones Bay | 19-30-2 | SA | 30502 | Shellfish Harvesting | 2002 | 5 Standard violation: Fecal Coliform | | 17.1 | |
| Stones Creek From source to Stones Bay | 19-30-3 | SA | 30502 | Shellfish Harvesting | 2002 | 5 Standard violation: Fecal Coliform | | 73.5 | |
| Millstone Creek From source to Stones Creek | 19-30-3-1 | SA | 30502 | Shellfish Harvesting | 2002 | 5 Standard violation: Fecal Coliform | | 6.4 | |

White Oak River Basin

Subbasin: 30502

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|--|--------------|--------------|
| Stones Bay From Stones Creek to DEH closure line | 19-30b | SA | 30502 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 31.7 |
| Everett Creek From source to New River | 19-32 | SA | 30502 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 76.3 |
| Fannie Creek From source to New River | 19-34 | SA | 30502 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 9.9 |
| Wheeler Creek From source to New River | 19-35 | SA | 30502 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 11.1 |
| Courthouse Bay DEH Area in south arm of bay. | 19-36b | SA | 30502 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 1.9 |
| Intracoastal Waterway From northeastern boundary of Cape Fear River Basin to Daybeacon #17 including all unnamed bays, guts, and channels | 19-39-(0.5) | SA ORW | 30502 | Shellfish Harvesting | 2002 | 7 | 1. 2002 7 Standard violation: Fecal Coliform | | 230.7 |
| Intracoastal Waterway From Daybeacon #17 to DEH conditionally approved open line at north mouth of Chadwick Bay including all unnamed bays, guts, and channels | 19-39-(3.5)a | SA | 30502 | Shellfish Harvesting | 2002 | 7 | 1. 2002 7 Standard violation: Fecal Coliform | | 67.4 |
| Intracoastal Waterway From DEH conditionally approved open line at north mouth of Chadwick Bay to New River | 19-39-(3.5)b | SA | 30502 | Shellfish Harvesting | 2002 | 7 | 1. 2002 7 Standard violation: Fecal Coliform | | 30.6 |

White Oak River Basin

Subbasin: 30502

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Rogers Bay | 19-39-1 | SA | 30502 | | 2002 | 7 | | | 50.6 |
| Entire Bay | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Goose Bay | 19-39-2 | SA ORW | 30502 | | 2002 | 5 | | | 38.6 |
| Entire Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Mill Creek | 19-39-3-1 | SA | 30502 | | 2002 | 5 | | | 18.1 |
| From source to Alligator Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Alligator Bay | 19-39-3a | SA ORW | 30502 | | 2002 | 5 | | | 260.2 |
| Bay south of ICWW | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Alligator Bay | 19-39-3b | SA ORW | 30502 | | 2002 | 5 | | | 28.9 |
| DEH closure area at mouth of Mill Creek. | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Alligator Bay | 19-39-3c | SA ORW | 30502 | | 2002 | 5 | | | 265.9 |
| Bay north of ICWW except DEH closure area at mouth of Mill Creek. | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Chadwick Bay | 19-39-4 | SA | 30502 | | 2002 | 5 | | | 578.8 |
| Entire Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Biglins Creek | 19-39-4-1-1 | SA | 30502 | | 2002 | 5 | | | 6.1 |
| From source to Fullard Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30502

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Charles Creek | 19-39-4-1-2 | SA | 30502 | | 2002 | 5 | | | 38.5 |
| From source to Fullard Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Bumps Creek | 19-39-4-1-3 | SA | 30502 | | 2002 | 5 | | | 13.9 |
| From source to Fullard Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Fullard Creek (Salt Branch) | 19-39-4-1a | SA | 30502 | | 2002 | 5 | | | 71.2 |
| From source to DEH closure line at west side of mouth of Charles Creek. | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Fullard Creek (Salt Branch) | 19-39-4-1b | SA | 30502 | | 2002 | 5 | | | 85.1 |
| From DEH closure line at west side of mouth of Charles Creek to Chadwick Bay. | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Fullard Creek (Salt Branch) | 19-39-4-1c | SA | 30502 | | 2002 | 5 | | | 7.9 |
| Small embayments at northeast mouth of Fullard Creek. | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Intracoastal Waterway | 19-41-(0.5)b | SA | 30502 | | 2002 | 7 | | | 16.0 |
| From DEH closure line at southwest mouth of Salliers Bay to DEH Conditionally Approved Open area line northeast of mouth of Salliers Bay | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Intracoastal Waterway | 19-41-(0.5)c | SA | 30502 | | 2002 | 7 | | | 153.8 |
| From DEH Conditionally Approved Open area line northeast of mouth of Salliers Bay to subbasin boundary | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Mile Hammock Bay | 19-41-2b | SA | 30502 | | 2002 | 5 | | | 7.8 |
| Closed DEH rectangular area on north side of bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30502

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--------------------------------------|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Salliers Bay | 19-41-3 | SA | 30502 | | 2002 | 5 | | | 55.7 |
| Entire Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Holover Creek | 19-41-3-1 | SA | 30502 | | 2002 | 5 | | | 5.2 |
| From source to Salliers Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Gillets Creek | 19-41-4 | SA | 30502 | | 2002 | 5 | | | 3.0 |
| From source to Intracoastal Waterway | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Freeman Creek | 19-41-5 | SA | 30502 | | 2002 | 5 | | | 65.4 |
| From source to Intracoastal Waterway | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Browns Swamp | 19-41-5-1 | SA | 30502 | | 2002 | 5 | | | 1.2 |
| From source to Freeman Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Clay Bank Branch | 19-41-5-2 | SA | 30502 | | 2002 | 5 | | | 1.0 |
| From source to Freeman Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Mirey Branch | 19-41-5-3 | SA | 30502 | | 2002 | 5 | | | 0.6 |
| From source to Freeman Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30503

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Bogue Sound (Including Intracoastal Waterway) | 20-36-(0.5)b | SA ORW | 30503 | | 2002 | 7 | | | 55.4 |
| DEH closed area at mouth of Hunting Island Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Bogue Sound (Including Intracoastal Waterway) | 20-36-(0.5)c | SA ORW | 30503 | | 2002 | 7 | | | 33.5 |
| DEH closed area at mouth of Sanders Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Bogue Sound (Including Intracoastal Waterway) | 20-36-(0.5)d | SA ORW | 30503 | | 2002 | 7 | | | 3.9 |
| DEH closed area 870 meters west of mouth of Broad Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Bogue Sound (Including Intracoastal Waterway to Beaufort Inlet) | 20-36-(8.5)b | SA | 30503 | | 2002 | 7 | | | 108.7 |
| DEH closed area from a line across Bogue Sound from the southwest side of mouth of Gales Creek to Rock Point extending east approximately 1500 meters along sound side of outer banks near Salter Path | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Bogue Sound (Including Intracoastal Waterway to Beaufort Inlet) | 20-36-(8.5)c | SA | 30503 | | 2002 | 7 | | | 367.3 |
| DEH Conditionally Approved Closed area near Jumping Run Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Bogue Sound (Including Intracoastal Waterway to Beaufort Inlet) | 20-36-(8.5)d | SA | 30503 | | 2002 | 7 | | | 7.4 |
| DEH closed area in unnamed bay approximately 2500 meters east of line across Bogue Sound from the southwest side of mouth of Gales Creek to Rock Point | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30503

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Bogue Sound (Including Intracoastal Waterway to Beaufort Inlet) | 20-36-(8.5)e | SA | 30503 | | 2002 | 7 | | | 3.4 |
| DEH closed area in unnamed bay approximately 3500 meters east of line across Bogue Sound from the southwest side of mouth of Gales Creek to Rock Point | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Bogue Sound (Including Intracoastal Waterway to Beaufort Inlet) | 20-36-(8.5)f | SA | 30503 | | 2002 | 7 | | | 75.3 |
| DEH closed area in unnamed bay area near Hoophole Woods approximately 7400 meters east of line across Bogue Sound from the southwest side of mouth of Gales Creek to Rock Point | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Bogue Sound (Including Intracoastal Waterway to Beaufort Inlet) | 20-36-(8.5)g | SA | 30503 | | 2002 | 7 | | | 45.5 |
| DEH closed area at mouth of Spooner Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Bogue Sound (Including Intracoastal Waterway to Beaufort Inlet) | 20-36-(8.5)h | SA | 30503 | | 2002 | 7 | | | 83.8 |
| DEH closed area at mouth of Peltier Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Bogue Sound (Including Intracoastal Waterway to Beaufort Inlet) | 20-36-(8.5)i | SA | 30503 | | 2002 | 7 | | | 37.5 |
| DEH closed area near Hoophole Creek west of Atlantic Beach | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Bogue Sound (Including Intracoastal Waterway to Beaufort Inlet) | 20-36-(8.5)j | SA | 30503 | | 2002 | 7 | | | 108.6 |
| DEH closed areas west at Atlantic Beach Bridge and Cedar Hammock | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30503

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Bogue Sound (Including Intracoastal Waterway to Beaufort Inlet) | 20-36-(8.5)k | SA | 30503 | | 2002 | 7 | | | 340.9 |
| DEH closed area from Newport River Restricted area to Fort Macon Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Spooner Creek | 20-36-10 | SA | 30503 | | 2002 | 5 | | | 24.1 |
| From source to Bogue Sound | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Money Island Slough | 20-36-13-1 | SA | 30503 | | 2002 | 7 | | | 7.9 |
| From source to Money Island Bay | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Money Island Bay | 20-36-13a | SA | 30503 | | 2002 | 7 | | | 102.7 |
| Closed DEH area in western portion of Bay | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Fort Macon Creek | 20-36-16 | SA | 30503 | | 2002 | 7 | | | 25.6 |
| From source to Bogue Sound | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Hunting Island Creek | 20-36-2 | SA | 30503 | | 2002 | 5 | | | 2.7 |
| From source to Bogue Sound | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Sanders Creek | 20-36-4-1 | SA | 30503 | | 2002 | 5 | | | 0.7 |
| From source to Goose Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Goose Creek | 20-36-4a | SA | 30503 | | 2002 | 5 | | | 67.0 |
| From source to DEH closure line Bogue Sound | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30503

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Archer Creek (Piney Cr.) | 20-36-5 | SA ORW | 30503 | | 2002 | 5 | | | 18.0 |
| From source to Bogue Sound | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Sanders Creek | 20-36-6 | SA ORW | 30503 | | 2002 | 5 | | | 35.0 |
| From source to Bogue Sound | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| East Prong Sanders Cr. | 20-36-6-1 | SA | 30503 | | 2002 | 5 | | | 2.7 |
| | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Sikes Branch | 20-36-6-1-1 | SA | 30503 | | 2002 | 5 | | | 1.2 |
| From source to East Prong Sanders Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Broad Creek | 20-36-7 | SA | 30503 | | 2002 | 5 | | | 91.5 |
| From source to Bogue Sound | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| West Prong Broad Creek | 20-36-7-1 | SA | 30503 | | 2002 | 5 | | | 8.4 |
| From source to Broad Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Hannah Branch | 20-36-7-1-1 | SA | 30503 | | 2002 | 5 | | | 0.8 |
| From source to West Prong Broad Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Sandy Branch | 20-36-7-1-1-1 | SA | 30503 | | 2002 | 5 | | | 0.7 |
| From source to Hannah Branch | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30503

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Wolf Branch From source to West Prong Broad Creek | 20-36-7-1-2 | SA | 30503 | Shellfish Harvesting | 2002 | 5 | | 1.1 | |
| East Prong Broad Creek From source to Broad Creek | 20-36-7-2 | SA | 30503 | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | 8.0 |
| Gales Creek From source to Bogue Sound | 20-36-8 | SA | 30503 | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | 45.6 |
| East Prong Gales Creek From source to Gales Creek | 20-36-8-1 | SA | 30503 | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | 0.8 | |
| Jumping Run From source to Bogue Sound | 20-36-9 | SA | 30503 | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | 1.5 |
| NEWPORT RIVER From Little Creek Swamp to DEH closure line | 21-(17)a | SA | 30503 | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | 17.7 |
| NEWPORT RIVER From DEH closure line to DEH Conditionally Approved Closed line | 21-(17)b | SA | 30503 | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | 962.8 |
| NEWPORT RIVER From DEH Conditionally approved closed line to DEH Conditionally approved open line extending from Penn Point to west mouth of Core Creek | 21-(17)c | SA | 30503 | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | 2662.8 |

White Oak River Basin

Subbasin: 30503

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| NEWPORT RIVER | 21-(17)e | SA | 30503 | | 2002 | 5 | | | 653.6 |
| DEH closed area north of Morehead City Harbor restricted area including Crab Point Therefore and Calico Creek Marsh to Hwy 70 Bridge. | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| NEWPORT RIVER | 21-(17)f | SA | 30503 | | 2002 | 7 | | | 220.4 |
| DEH closed area from Hwy 70 Bridge to a line extending form the south point of Radio Island to Fort Macon including Morehead City Channel | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| NEWPORT RIVER | 21-(17)g | SA | 30503 | | 2002 | 5 | | | 166.1 |
| DEH closed area around Gallant Point south to Hwy 70 Bridge including Beaufort Channel | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| NEWPORT RIVER | 21-(17)h | SA | 30503 | | 2002 | 7 | | | 188.4 |
| DEH closed area south of Hwy 70 Bridge and west of Pivers Island including Bulkhead Channel | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Little Creek Swamp | 21-18 | SA | 30503 | | 2002 | 5 | | | 5.5 |
| From source to Newport River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Mill Creek | 21-19 | SA | 30503 | | 2002 | 5 | | | 6.1 |
| From source to Newport River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Big Creek | 21-20 | SA | 30503 | | 2002 | 5 | | | 0.3 |
| From source to Newport River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Little Creek | 21-21 | SA | 30503 | | 2002 | 5 | | | 2.0 |
| From source to Newport River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30503

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Harlowe Canal | 21-22-1 | SA | 30503 | | 2002 | 5 | | | 5.1 |
| From Neuse River Basin Boundary (at Craven-Carteret County Line) to Harlowe Creek (at N.C. Hwy. # 101) | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Alligator Creek | 21-22-2 | SA | 30503 | | 2002 | 5 | | | 2.1 |
| From source to Harlowe Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Harlowe Creek | 21-22a | SA | 30503 | | 2002 | 5 | | | 19.3 |
| DEH closed area from source (at N.C. Hwy #101) to DEH closure line south of mouth. | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Harlowe Creek | 21-22b | SA | 30503 | | 2002 | 5 | | | 93.9 |
| From DEH closure line south of mouth of Alligator Creek to DEH Conditionally Approved Closed line near Newport River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Harlowe Creek | 21-22c | SA | 30503 | | 2002 | 5 | | | 99.4 |
| From DEH Conditionally Approved Closed line near Newport River to Newport River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Oyster Creek | 21-23 | SA | 30503 | | 2002 | 5 | | | 50.0 |
| From source to Newport River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Eastman Creek | 21-24-1 | SA | 30503 | | 2002 | 5 | | | 13.2 |
| From source to Core Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Bell Creek | 21-24-2a | SA | 30503 | | 2002 | 5 | | | 18.4 |
| From source to DEH closed line | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30503

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|--|--------------|--------------|
| Bell Creek From DEH closed line to Core Creek | 21-24-2b | SA | 30503 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 46.2 |
| Core Creek (Intracoastal Waterway Adams Creek Canal) From Neuse River Basin boundary to DEH closed line | 21-24a | SA | 30503 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 29.4 |
| Core Creek (Intracoastal Waterway Adams Creek Canal) From DEH closed line to DEH Conditionally Approved Closed line | 21-24b | SA | 30503 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 227.5 |
| Russell Creek From source to Newport River | 21-26 | SA | 30503 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 15.6 |
| Wading Creek From source to Newport River | 21-27 | SA | 30503 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 15.9 |
| Gable Creek From source to Newport River | 21-28 | SA | 30503 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 49.8 |
| Willis Creek From source to Newport River | 21-29 | SA | 30503 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 14.7 |
| Crab Point Bay Entire Bay | 21-30 | SA | 30503 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 134.2 |

White Oak River Basin

Subbasin: 30503

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Back Sound | 21-35-(0.5)d | SA | 30503 | | 2002 | 7 | | | 42.6 |
| DEH closed area at west mouth of Taylor Creek around Pivers Island | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30504

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Back Sound | 21-35-(0.5)e | SA | 30504 | | 2002 | 7 | | | 170.6 |
| DEH closed area at the east mouth of Taylor Creek near the mouth of the North River | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Back Sound | 21-35-(0.5)f | SA | 30504 | | 2002 | 7 | | | 63.7 |
| DEH closed areas in and around Carrot Island | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Back Sound | 21-35-(1.5)c | SA ORW | 30504 | | 2002 | 7 | | | 7.0 |
| Four DEH closed areas on the south shore of Harkers Island. | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Feltons Creek | 21-35-1-1 | SA | 30504 | | 2002 | 5 | | | 4.2 |
| From source to North River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Gibbs Creek | 21-35-1-10 | SA | 30504 | | 2002 | 5 | | | 65.4 |
| From source to North River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Turner Creek | 21-35-1-11-1 | SA | 30504 | | 2002 | 5 | | | 51.6 |
| From source to Davis Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30504

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Davis Bay (Cheney Bay) | 21-35-1-11a | SA | 30504 | | 2002 | 5 | | | 12.9 |
| DEH closed area in southern Category of bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Davis Bay (Cheney Bay) | 21-35-1-11b | SA | 30504 | | 2002 | 5 | | | 188.6 |
| DEH Conditionally Approved Closed area northern part of bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Sleepy Creek | 21-35-1-12-1 | SA | 30504 | | 2002 | 5 | | | 155.4 |
| From source to The Straits | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Whitehurst Creek | 21-35-1-12-2 | SA | 30504 | | 2002 | 5 | | | 86.4 |
| From source to The Straits | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Westmouth Bay | 21-35-1-12-3b | SA | 30504 | | 2002 | 5 | | | 6.8 |
| DEH closed area on south side of Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| The Straits | 21-35-1-12b | SA | 30504 | | 2002 | 5 | | | 101.8 |
| Conditionally approved open section in north west portion adjacent to North River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Brooks Creek | 21-35-1-13 | SA | 30504 | | 2002 | 5 | | | 20.1 |
| From source to North River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Deep Creek | 21-35-1-2 | SA | 30504 | | 2002 | 5 | | | 21.6 |
| From source to North River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30504

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Crabbing Creek | 21-35-1-3 | SA | 30504 | | 2002 | 5 | | | 2.3 |
| From source to North River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Lynch Creek | 21-35-1-4 | SA | 30504 | | 2002 | 5 | | | 6.8 |
| From source to North River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Thomas Creek | 21-35-1-5 | SA | 30504 | | 2002 | 5 | | | 5.1 |
| From source to North River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Fulcher Creek | 21-35-1-6a | SA | 30504 | | 2002 | 5 | | | 10.7 |
| From source to DEH closure line From DEH closure line to North River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Fulcher Creek | 21-35-1-6b | SA | 30504 | | 2002 | 5 | | | 41.0 |
| From DEH closure line to North River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Ward Creek | 21-35-1-7 | SA | 30504 | | 2002 | 5 | | | 582.1 |
| From source to North River | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Gilliklin Creek | 21-35-1-7-1 | SA | 30504 | | 2002 | 5 | | | 5.7 |
| From source to Ward Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| North Leopard Creek | 21-35-1-7-2 | SA | 30504 | | 2002 | 5 | | | 95.4 |
| From source to Ward Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30504

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|--|--------------|--------------|
| South Leopard Creek From source to Ward Creek | 21-35-1-7-3 | SA | 30504 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 78.1 |
| Newby Creek From source to DEH closure line | 21-35-1-8 | SA | 30504 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 8.7 |
| Goose Bay Entire Bay | 21-35-1-9 | SA | 30504 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 265.9 |
| North River From source to DEH closure line south of Crabbing Creek | 21-35-1a | SA | 30504 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 291.3 |
| North River From DEH closure line south of Crabbing Creek to Back Sound excluding DEH conditionally approved closed and closed areas between Davis Bay and North River Marsh | 21-35-1b | SA | 30504 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 5868.1 |
| North River DEH conditionally approved closed area between Davis Bay and North River Marsh | 21-35-1c | SA | 30504 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 101.5 |
| North River DEH closed area between Davis Bay and North River Marsh | 21-35-1d | SA | 30504 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 161.8 |
| North River DEH conditionally approved closed area at mouth of Newby Creek | 21-35-1e | SA | 30504 | Shellfish Harvesting | 2002 | 5 | 1. 2002 5 Standard violation: Fecal Coliform | | 19.1 |

White Oak River Basin

Subbasin: 30504

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Nelson Bay | 21-35-7-10-(5) | SA | 30504 | | 2002 | 5 | | | 860.7 |
| From a line extending from mouth of Broad Creek due east across Nelson Bay to Core Sound | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Lewis Creek | 21-35-7-10-6 | SA | 30504 | | 2002 | 5 | | | 20.7 |
| From source to Nelson Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Pasture Creek | 21-35-7-10-7 | SA | 30504 | | 2002 | 5 | | | 6.0 |
| From source to Nelson Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Willis Creek | 21-35-7-11 | SA ORW | 30504 | | 2002 | 5 | | | 51.3 |
| From source to Core Sound | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Oyster Creek | 21-35-7-18 | SA ORW | 30504 | | 2002 | 5 | | | 128.2 |
| From source to Core Sound | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Smyrna Creek | 21-35-7-22-1 | SA | 30504 | | 2002 | 5 | | | 27.0 |
| From source to Jarrett Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Ditch Cove | 21-35-7-22-2 | SA ORW | 30504 | | 2002 | 5 | | | 32.1 |
| From source to Jarrett Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Broad Creek | 21-35-7-22-3 | SA ORW | 30504 | | 2002 | 5 | | | 36.6 |
| From source to Jarrett Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30504

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Great Creek | 21-35-7-22-4 | SA ORW | 30504 | | 2002 | 5 | | | 71.9 |
| From source to Jarrett Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Howland Creek | 21-35-7-22-5 | SA ORW | 30504 | | 2002 | 5 | | | 26.3 |
| From source to Jarrett Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Williston Creek | 21-35-7-22-6 | SA | 30504 | | 2002 | 5 | | | 24.5 |
| From source to Jarrett Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Wade Creek | 21-35-7-22-7a | SA | 30504 | | 2002 | 5 | | | 24.6 |
| From source to DEH closure line | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Wade Creek | 21-35-7-22-7b | SA | 30504 | | 2002 | 5 | | | 116.9 |
| From DEH closure line to Jarrett Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Jarrett Bay | 21-35-7-22a | SA ORW | 30504 | | 2002 | 5 | | | 37.6 |
| From head of bay to DEH conditionally approved open line | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Jarrett Bay | 21-35-7-22b | SA ORW | 30504 | | 2002 | 5 | | | 1111.1 |
| From DEH conditionally approved open line to Core Sound | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Jarrett Bay | 21-35-7-22c | SA ORW | 30504 | | 2002 | 5 | | | 57.9 |
| DEH closed area at embayment at mouth Williston Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30504

The proper technical conditions do not yet exist to develop TMDLs

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|-----------------------------|--------------------|--|------------------------------------|--------------|--------------|
| Middens Creek | 21-35-7-24a | SA | 30504 | | 2002 | 5 | | | 20.4 |
| From source to DEH closure line | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Glover Creek | 21-35-7-3-1 | SA | 30504 | | 2002 | 5 | | | 9.9 |
| From source to Styron Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Annis Run | 21-35-7-3-2 | SA | 30504 | | 2002 | 5 | | | 3.5 |
| From source to Styron Bay | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Cedar Creek | 21-35-7-3-3-1 | SA | 30504 | | 2002 | 5 | | | 15.7 |
| From source to Styron Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Styron Creek | 21-35-7-3-3a | SA | 30504 | | 2002 | 5 | | | 8.1 |
| From source to DEH closure line at mouth of Cedar Creek | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Styron Bay | 21-35-7-3b | SA ORW | 30504 | | 2002 | 5 | | | 10.5 |
| DEH closed area | | | | Shellfish Harvesting | 1. 2002 | 5 | Standard violation: Fecal Coliform | | |
| Core Sound | 21-35-7b | SA ORW | 30504 | | 2002 | 7 | | | 80.9 |
| Conditionally approved open area at the mouth of Jarrett Bay | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |
| Core Sound | 21-35-7c | SA ORW | 30504 | | 2002 | 7 | | | 165.6 |
| Conditionally approved open area at the mouth of Nelson Bay | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |

White Oak River Basin

Subbasin: 30504

The proper technical conditions do not yet exist to develop TMDLs

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|--------|----------|-----------------------------|-------------|---------------------------------|------------------------------------|-------|-------|
| Core Sound | 21-35-7d | SA ORW | 30504 | | 2002 | 7 | | | 87.3 |
| Conditionally approved open area at the mouth Oyster Creek | | | | Shellfish Harvesting | 1. 2002 | 7 | Standard violation: Fecal Coliform | | |

| White Oak River Basin Impaired Totals: | | |
|--|--------------|--------------|
| <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
| 208 | 169.3 | 37213.2 |

| Totals for the White Oak River Basin | | | |
|--------------------------------------|-----------------|--------------|--------------|
| | <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
| Category 4b | 8 | 2.6 | 9154.8 |
| Category 5 | 165 | 166.7 | 24336.4 |
| Category 7 | 35 | 0.0 | 3722.0 |

Yadkin River Basin

Subbasin: 30701

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|-----------------------------------|----------------------|-------|----------|---------------------------|-------------|---------------------------------|---|----------------|-------|
| Elk Creek | 12-24-(10) | B ORW | 30701 | | 2004 | 5 | | 9.1 | |
| From Dugger Creek to Yadkin River | | | | Primary Recreation | 1. 2004 | 5 | Standard violation: Fecal Coliform --swimming impact | 1. Agriculture | |
| Long Creek | 12-42-9 | C | 30701 | | 1998 | 6 | | 3.1 | |
| From source to Mulberry Creek | | | | Overall | 1. 1998 | 6 | Impaired biological integrity: stressors not identified | | |

Yadkin River Basin

Subbasin: 30702

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|----------|----------|----------------|-------------|---------------------------------|---|----------------|-------|
| Endicott Creek (Branch) | 12-63-5-(3) | WS-II Tr | 30702 | | 1998 | 6 | | 0.5 | |
| From dam at Raven Knob Lake to Fisher River | | | | Overall | 1. 1998 | 6 | Impaired biological integrity: stressors not identified | 1. Agriculture | |

Yadkin River Basin

Subbasin: 30703

Waters with impaired biological integrity.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|-------|----------|---------------------|-------------|---|--|-------|-------|
| Heatherly Creek From NC 268 to Toms Creek | 12-72-14-5b | C | 30703 | Aquatic Life | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Major Municipal Point Source | 1.4 | |
| Faulkner Creek From source to Ararat River | 12-72-6 | C | 30703 | Aquatic Life | 1998 | 5 1. 1998 5 Impaired biological integrity: stressor study complete | 1. Source Unknown | 6.1 | |
| Lovills Creek (Lovell Creek) From Town of Mount Airy Water Supply Dam to Ararat River | 12-72-8-(3) | C | 30703 | Aquatic Life | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Minor Industrial Point Source 2. Urban Runoff/Storm Sewers | 4.2 | |

Yadkin River Basin

Subbasin: 30704

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|---------|----------|---------------------|-------------|--|--|-------|--------|
| YADKIN RIVER (including upper portion of High Rock Lake below normal operating level) From mouth of Grants Creek to a line across High Rock Lake from the downstream side of mouth of Crane Creek to the downstream side of mouth of Swearing Creek | 12-(108.5)b | WS-V | 30704 | Aquatic Life | 2004 | 5 1. 2004 5 Standard violation: Turbidity 2. 2004 5 Standard violation: Low Dissolved Oxygen 3. 2004 5 Standard violation: Chlorophyll a | 1. Source Unknown 2. Source Unknown | | 5568.8 |
| YADKIN RIVER (including lower portion of High Rock Lake) From a line across High Rock lake from the downstream side of mouth of Crane Creek to the downstream side of mouth of Swearing Creek to a point 0.6 mile upstream of dam of High Rock Lake, except for the Abbots Creek Arm of High Rock Lake upstream of Davidson County SR 2294 and that portion of Second Creek Arm of High Rock Lake from source to a point 1.7 miles upstream of Rowan County SR 1004 which are classified WS-V&B | 12-(114) | WS-IV&B | 30704 | Aquatic Life | 2004 | 5 1. 2004 5 Standard violation: Turbidity | 1. Source Unknown | | 4870.1 |

Yadkin River Basin

Subbasin: 30704

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|---------------------|--------------------|---|-----------------------------------|--------------|--------------|
| YADKIN RIVER (including lower portion of High Rock Lake) | 12-(124.5)a | WS-IV&B CA | 30704 | | 2004 | 5 | | | 10.8 |
| From a point 0.6 mile upstream of dam of High Rock Lake to High Rock Dam | | | | Aquatic Life | 1. 2004 | 5 Standard violation: Turbidity | 1. Source Unknown | | |
| YADKIN RIVER (including upper portion of Tuckertown Lake) | 12-(124.5)b | WS-IV&B CA | 30704 | | 2004 | 4b | | | 3.5 |
| From High Rock Dam to mouth of Cabin Creek | | | | Aquatic Life | 1. 2004 | 4b Standard violation: Low Dissolved Oxygen | 1. Hydromodification: Dam Release | | |
| Little Creek | 12-110-3 | | 30704 | | 1998 | 6 | | | 6.5 |
| From source to Grants Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | | | |
| Grants Creek | 12-110b | C | 30704 | | 1998 | 5 | | | 1.2 |
| From SR 1910 to Yadkin River | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 1998 | 5 Standard violation: Turbidity | 2. Source Unknown | | |
| | | | | | 3. 1998 | 4a Standard violation: Fecal Coliform | 3. Agriculture | | |
| Town Creek | 12-115-3 | C | 30704 | | 1998 | 6 | | | 15.4 |
| From source to Crane Creek | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| Muddy Creek | 12-94-(0.5)b | C | 30704 | | 2004 | 6 | | | 15.2 |
| From Mill Creek #3 to SR 2995 | | | | Aquatic Life | 1. 2004 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| | | | | | | | 2. Minor Non-Municipal | | |
| Salem Creek (Middle Fork Muddy Creek) | 12-94-12-(4) | C | 30704 | | 1998 | 5 | | | 12.0 |
| From Winston-Salem Water Supply Dam (Salem Lake) to Muddy Creek | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| | | | | | 2. 1998 | 5 Standard violation: Fecal Coliform | | | |

Yadkin River Basin

Subbasin: 30704

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|-------------------------------------|----------------------|-------|----------|----------------|-------------|---|--|-------|-------|
| Reynolds Creek | 12-94-9b | C | 30704 | | 1998 | 6 | | | 1.7 |
| From Sequoia WWTP, Forsyth to Muddy | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture 2. Urban Runoff/Storm Sewers | | |

Yadkin River Basin

Subbasin: 30706

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|-------|----------|---------------------|-------------|---|---|-------|-------|
| South Yadkin River | 12-108-(19.5)b | C | 30706 | | 2004 | 5 | | | 5.3 |
| From mouth of Fourth Creek to Yadkin River | | | | Aquatic Life | 1. 2004 | 5 Standard violation: Turbidity | 1. Minor Municipal Point Source 2. Agriculture | | |
| Third Creek | 12-108-20-4b | C | 30706 | | 2004 | 6 | | | 22.1 |
| From SR 2359 to SR 1970 | | | | Aquatic Life | 1. 2004 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture | | |
| Fourth Creek | 12-108-20a | C | 30706 | | 1998 | 5 | | | 23.8 |
| From source to SR 1972 | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers 2. Agriculture | | |
| | | | | | 2. 1998 | 5 Standard violation: Turbidity | | | |
| | | | | | 3. 1998 | 4a Standard violation: Fecal Coliform | | | |
| Fourth Creek | 12-108-20c | C | 30706 | | 1998 | 6 | | | 5.5 |
| From SR 1985 to South Yadkin River | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressor study complete | | | |
| Second Creek (North Second Creek) | 12-108-21 | C | 30706 | | 2004 | 6 | | | 10.4 |
| From source to South Yadkin River | | | | Aquatic Life | 1. 2004 | 6 Impaired biological integrity: stressors not identified | 1. Source Unknown | | |

Yadkin River Basin

Subbasin: 30707

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|---------------------|--------------------|---|---|--------------|--------------|
| Swearing Creek From source to High Rock Lake, Yadkin River | 12-113 | C | 30707 | Aquatic Life | 2004 | 6 1. 2004 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers 2. Agriculture | 14.4 | |
| Abbotts Creek Arm of High Rock Lake From source at I-85 to Davidson County SR 2294 | 12-118.5 | WS-V&B | 30707 | Aquatic Life | 2004 | 5 1. 2004 5 Standard violation: Low Dissolved Oxygen 2. 2004 5 Standard violation: Turbidity | 1. Major Municipal Point Source 2. Source Unknown | | 855.7 |
| Abbotts Creek From upstream side of culvert at U.S. Hwys. 29 & 70 to Abbotts Creek Arm of High Rock Lake, Yadkin River (At I-85 bridge) | 12-119-(6) | C | 30707 | Aquatic Life | 2004 | 6 1. 2004 6 Impaired biological integrity: stressors not identified | 1. Source Unknown | | 8.0 |
| Rich Fork From source to Abbotts Creek | 12-119-7 | C | 30707 | Aquatic Life | 1998 | 5 1. 2004 5 Standard violation: Low Dissolved Oxygen 2. 1998 6 Impaired biological integrity: stressors not identified 3. 1998 5 Standard violation: Fecal Coliform | 1. Major Municipal Point Source 2. Urban Runoff/Storm Sewers 3. Urban Runoff/Storm Sewers | | 20.6 |
| Hunts Fork From source to Rich Fork | 12-119-7-3 | C | 30707 | Overall | 1998 | 6 1. 1998 6 Impaired biological integrity: stressors not identified | 1. Construction 2. Urban Runoff/Storm Sewers | | 7.5 |
| Hamby Creek From source to Rich Fork | 12-119-7-4 | C | 30707 | Aquatic Life | 1998 | 5 1. 5 Action level violation: Copper 2. 5 Historical listing decision: Nutrients 3. 1998 6 Impaired biological integrity: stressor study complete | 1. Source Unknown 2. Major Municipal Point Source | | 11.1 |
| North Hamby Creek From source to Hamby Creek | 12-119-7-4-1 | C | 30707 | Aquatic Life | 1998 | 6 1. 1998 6 Impaired biological integrity: stressor study complete | 1. Source Unknown | | 5.8 |

Yadkin River Basin

Subbasin: 30708

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|---------------------|--------------------|---|-------------------------------------|--------------|--------------|
| Lick Creek | 12-126-(3) | WS-IV | 30708 | | 1998 | 5 | | 7.1 | |
| From East Branch Lick Creek to a point 1.0 mile upstream of Davidson County SR 2501 | | | | Aquatic Life | 1. 2004 | 5 Standard violation: Low Dissolved Oxygen | 1. Agriculture 2. Source Unknown | | |
| Lick Creek | 12-126-(4) | WS-IV CA | 30708 | | 2004 | 5 | | 0.7 | |
| From a point 1.0 mile upstream of Davidson County SR 2501 to Tuckertown Lake, Yadkin River | | | | Aquatic Life | 1. 2004 | 5 Standard violation: Low Dissolved Oxygen | 1. Agriculture 2. Source Unknown | | |
| Little Mountain Creek | 13-5-1-(1) | C | 30708 | | 1998 | 6 | | 1.4 | |
| From source to a point 0.5 mile upstream of Stanly County SR 1545 | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture | | |
| Little Mountain Creek | 13-5-1-(2) | WS-IV | 30708 | | 1998 | 6 | | 5.7 | |
| From a point 0.5 mile upstream of Stanly County SR 1545 to Mountain Cr. | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Source Unknown | | |
| Ut Lick Creek | UT to 13-20-5 | | 30708 | | 1998 | 6 | | 3.0 | |
| From source to Lick Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |

Yadkin River Basin

Subbasin: 30709

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|---------------------|--------------------|--|----------------------------|--------------|--------------|
| Uwharrie River | 13-2-(1.5)a | C | 30709 | | 2004 | 5 | | 126.5 | |
| From Randolph County SR 1314 to mouth of Betty McGees Creek | | | | Aquatic Life | 1. 2004 | 5 Standard violation: Low Dissolved Oxygen | 1. Hydromodification | | |

Yadkin River Basin

Subbasin: 30710

NPDES controls expected to result in meeting standards.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|---|----------------------|--------|----------|---------------------|-------------|---|--|-------|-------|
| PEE DEE RIVER From Norwood Dam to mouth of Turkey Top Creek | 13-(15.5) | WS-V&B | 30710 | | 1998 | 4b | | 15.3 | |
| | | | | Aquatic Life | 1. 1998 | 4b Standard violation: Low Dissolved Oxygen | 1. Hydromodification: Dam Release 2. Minor Municipal Point Source | | |
| Brown Creek From mouth of Lick Creek to Pee Dee River | 13-20b | C | 30710 | | 1998 | 5 | | 28.5 | |
| | | | | Overall | 1. 1998 | 5 Standard violation: Low Dissolved Oxygen | 1. Agriculture | | |
| | | | | | 2. 1998 | 6 Impaired biological integrity: stressors not identified | | | |

Yadkin River Basin

Subbasin: 30711

Waters for which TMDLs are required.

| Waterbody and Description | Assessment Unit (AU) | Class | Subbasin | ImpairedUse | Year Listed | Category and Reason for Listing | Potential Source(s) | Miles | Acres |
|--|----------------------|-------|----------|---------------------|-------------|---|---|-------|-------|
| Dye Creek (Branch) From source to Rocky River | 13-17-2 | C | 30711 | | 1998 | 5 | | 4.4 | |
| | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers 2. Minor Municipal Point Source | | |
| | | | | | 2. 2004 | 5 Impaired biological integrity: Chlorine | | | |
| Clarke Creek From source to Rocky River | 13-17-4 | C | 30711 | | 1998 | 6 | | 5.4 | |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Off Farm Animal Holding/ Management Area | | |
| Coddle Creek From a point 0.2 mile upstream of N.C. Hwy. 73 to Rocky River | 13-17-6-(5.5) | C | 30711 | | 1998 | 6 | | 14.5 | |
| | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Source Unknown | | |

Yadkin River Basin

Subbasin: 30711

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|---------------------|--------------------|---|---|--------------|--------------|
| McKee Creek From source to Reedy Creek | 13-17-8-4 | C | 30711 | | 1998 | 5 | | | 6.9 |
| | | | | Overall | 1. 1998 | 5 Historical listing decision: Sediment | 1. Minor Non-Municipal 2. Agriculture | | |
| | | | | | 2. 1998 | 4a Standard violation: Fecal Coliform | 3. Land Development 4. Urban Runoff/Storm Sewers | | |
| Clear Creek From source to McKee Creek | 13-17-8-4-1 | C | 30711 | | 1998 | 6 | | | 1.0 |
| | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture 2. Land Development | | |
| | | | | | 2. 1998 | 4a Standard violation: Fecal Coliform | 3. Urban Runoff/Storm Sewers | | |
| Rocky River From source to mouth of Reedy Creek | 13-17a | C | 30711 | | 1998 | 5 | | | 34.1 |
| | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressor study complete | 1. Urban Runoff/Storm Sewers 2. Source Unknown | | |
| | | | | | 2. 1998 | 5 Standard violation: Fecal Coliform | | | |
| | | | | | 3. 1998 | 5 Standard violation: Turbidity | | | |

Subbasin: 30712

Waters for which TMDLs are required.

Yadkin River Basin

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|---------------------|--------------------|---|---|--------------|--------------|
| Goose Creek From source to SR 1524 | 13-17-18a | C | 30712 | | 1998 | 5 | | | 3.2 |
| | | | | Overall | 1. 1998 | 5 Standard violation: Fecal Coliform | 1. Construction 2. Urban Runoff/Storm Sewers | | |
| Goose Creek From SR 1524 to Rocky River | 13-17-18b | C | 30712 | | 1998 | 5 | | | 13.1 |
| | | | | Aquatic Life | 1. 2004 | 6 Impaired biological integrity: Organic Enrichment | 1. Minor Non-Municipal 2. Agriculture | | |
| | | | | | 2. 2004 | 6 Impaired biological integrity: stressors not identified | | | |
| | | | | | 3. 1998 | 5 Standard violation: Fecal Coliform | | | |

Yadkin River Basin

Subbasin: 30712

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|---------------------|--------------------|---|---|--------------|--------------|
| North Fork Crooked Creek | 13-17-20-1 | C | 30712 | | 1998 | 6 | | 12.0 | |
| From source to Crooked Creek | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |
| South Fork Crooked Creek | 13-17-20-2a | C | 30712 | | 1998 | 6 | | 5.6 | |
| From source to Crooked Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture 2. Construction | | |
| South Fork Crooked Creek | 13-17-20-2b | C | 30712 | | 1998 | 6 | | 8.8 | |
| From SR 1515 Union Co Crooked Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture 2. Construction | | |
| Rocky River | 13-17b | C | 30712 | | 1998 | 6 | | 8.5 | |
| From mouth of Reedy Creek to mouth of Dutch Buffalo Creek | | | | Aquatic Life | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Major Municipal Point Source 2. Urban Runoff/Storm Sewers | | |

Yadkin River Basin

Subbasin: 30713

Waters with impaired biological integrity.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|----------------------------------|-----------------------------|--------------|-----------------|--------------------|--------------------|--|------------------------------|--------------|--------------|
| Little Long Creek | 13-17-31-4 | C | 30713 | | 1998 | 6 | | 7.3 | |
| From source to Long Creek | | | | Overall | 1. 1998 | 6 Historical listing decision | 1. Urban Runoff/Storm Sewers | | |

Yadkin River Basin

Subbasin: 30714

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|---------------------|--------------------|---|----------------------------|--------------|--------------|
| Richardson Creek | 13-17-36-(5)a | C | 30714 | | 1998 | 5 | | 9.9 | |
| From Monroe Water Supply Dam (Lake Lee) to mouth of Negro Head Creek | | | | Aquatic Life | 1. 1998 | 5 Impaired biological integrity: Nutrients | 1. Source Unknown | | |
| Lanes Creek | 13-17-40-(1) | WS-V | 30714 | | 2004 | 6 | | 27.4 | |
| From source to Marshville Water Supply Dam (located 0.1 mile downstream of Beaverdam Creek) | | | | Aquatic Life | 1. 2004 | 6 Impaired biological integrity: stressors not identified | 1. Source Unknown | | |
| Lanes Creek | 13-17-40-(12) | C | 30714 | | 1998 | 6 | | 27.1 | |
| From Marshville Water Supply Dam (located 0.1 mile downstream of Beaverdam Creek) to Rocky River | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture | | |
| Waxhaw Branch | 13-17-40-6 | WS-V | 30714 | | 1998 | 6 | | 5.3 | |
| From source to Lanes Creek | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Agriculture | | |

Yadkin River Basin

Subbasin: 30716

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|---|-----------------------------|--------------|-----------------|-------------------------|--------------------|---|----------------------------|--------------|--------------|
| PEE DEE RIVER | 13-(34)a | C | 30716 | | 2004 | 5 | | 6.3 | |
| From Blewett Falls Dam to mouth of Hitchcock Creek | | | | Aquatic Life | 1. 2004 | 4b Standard violation: Low Dissolved Oxygen | 1. Hydromodification | | |
| | | | | Fish Consumption | 1. 2004 | 5 Fish Advisory-Mercury | | | |
| Hitchcock Creek (McKinney Lake, Ledbetter Lake) | 13-39-(1) | WS-III | 30716 | | 1998 | 5 | | 66.9 | |
| From source to a point 0.5 mile downstream of Richmond County SR 1442 | | | | Fish Consumption | 1. 1998 | 5 Fish Advisory-Mercury | | | |

Yadkin River Basin

Subbasin: 30716

Waters for which TMDLs are required.

| <i>Waterbody and Description</i> | <i>Assessment Unit (AU)</i> | <i>Class</i> | <i>Subbasin</i> | <i>ImpairedUse</i> | <i>Year Listed</i> | <i>Category and Reason for Listing</i> | <i>Potential Source(s)</i> | <i>Miles</i> | <i>Acres</i> |
|--|-----------------------------|--------------|-----------------|--------------------|--------------------|---|------------------------------|--------------|--------------|
| Falling Creek | 13-39-12-(7.5) | WS-III CA | 30716 | | 1998 | 5 | | 0.6 | |
| From a point 1.4 miles downstream of Richmond County SR 1640 to Rockingham Water Supply Intake | | | | Overall | 1. 1998 | 5 Aquatic Weeds | | | |
| Marks Creek (Everetts Lake) | 13-45-(2)b | C | 30716 | | 1998 | 6 | | 13.3 | |
| From NC 177 Richmond Co to NC-SC | | | | Overall | 1. 1998 | 6 Impaired biological integrity: stressors not identified | 1. Urban Runoff/Storm Sewers | | |

| Yadkin River Basin Impaired Totals: | | |
|--|--------------|--------------|
| <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
| 57 | 490.7 | 11498.8 |

| Totals for the Yadkin River Basin | | | |
|--|-----------------|--------------|--------------|
| | <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
| Category 4b | 2 | 18.8 | |
| Category 5 | 25 | 204.0 | 11498.8 |
| Category 6 | 30 | 267.9 | |

| NC River Basin Impaired Totals: | | |
|--|--------------|--------------|
| <u>AU Count</u> | <u>Miles</u> | <u>Acres</u> |
| 717 | 2952.7 | 282829.3 |