

# Appendix 1A

## Use Support Ratings for All Monitored Waterbodies

### IR & 303(d) list Category Codes

| IR Category | Integrated Reporting Categories for individual Assessment Unit/Use Support Category/ Parameter Assessments. A single Assessment Unit (AU) can have multiple assessments depending on data available and classified uses. |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b>    | Supporting the assessed use no criteria exceeded (NCE) for a parameter of interest (POI) in a Use Support Category (USC).                                                                                                |
| <b>1nc</b>  | DWQ have made field determination that parameter in exceedance is due to natural conditions.                                                                                                                             |
| <b>1b</b>   | Parameter is supporting uses in the AU and there is a management strategy in place to address exceedances of the parameter.                                                                                              |
| <b>1r</b>   | Parameter is supporting uses in the AU and there was restoration activity to address past standards violations of this parameter.                                                                                        |
| <b>1t</b>   | Parameter is supporting uses in the AU and there is an approved TMDL for the parameter.                                                                                                                                  |
| <b>2</b>    | All monitored uses are supporting or not rated and there are no impaired assessments in the AU                                                                                                                           |
| <b>3a</b>   | Parameter assessment is Not Rated due to insufficient or inconclusive data.                                                                                                                                              |
| <b>3b</b>   | Parameter assessment is Not Rated due to insufficient or inconclusive data and there is a management strategy in place to address exceedances of the parameter.                                                          |
| <b>3n2</b>  | Not Rated for Chlorophyll a. Exceeds the evaluation level but there are less than 10 samples.                                                                                                                            |
| <b>3c</b>   | No Data available for assessment                                                                                                                                                                                         |
| <b>3t</b>   | No Data available for assessment –AU is in a watershed with an approved TMDL                                                                                                                                             |
| <b>4b</b>   | Parameter assessment is impaired and there is a management strategy in place to address exceedances of the parameter.                                                                                                    |
| <b>4c</b>   | Parameter assessment is impaired and there is a dam upstream or downstream that is causing exceedances of the parameter.                                                                                                 |
| <b>4cr</b>  | Impaired for loss of Recreation use and there is no data for TMDL (swimming advisories posted)                                                                                                                           |
| <b>4cs</b>  | Impaired loss of Shellfish Harvesting us, no data for TMDL (non-approved area)                                                                                                                                           |
| <b>4ct</b>  | Impaired for the assessed USC/POI and the AU is in a watershed that is part of TMDL study area for the POI.                                                                                                              |
| <b>4t</b>   | Parameter assessment is impaired and there is an approved TMDL for the parameter.                                                                                                                                        |
| <b>4s</b>   | Ecological/biological integrity is Impaired and there is separate category 5 assessment for another aquatic life parameter.                                                                                              |
| <b>5</b>    | Parameter assessment is impaired and a TMDL development is required for the parameter.                                                                                                                                   |
| <b>5r</b>   | Assessed as impaired watershed is in restoration effort status                                                                                                                                                           |

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| AU_Number                    | AU_Name                                 | AU_Description                                                                 | LengthArea    | AU_Units        | Classification |
|------------------------------|-----------------------------------------|--------------------------------------------------------------------------------|---------------|-----------------|----------------|
| Category                     | Parameter                               | Reason for Rating                                                              | Use Category  | Collection Year | 303(d)year     |
| Little Tennessee River Basin |                                         | Headwaters Little Tennessee River Watershed                                    | 0601020201    |                 |                |
| Little Tennessee River Basin |                                         | Little Tennessee River Subbasin                                                | 06010202      |                 |                |
| Little Tennessee River Basin |                                         | Headwaters Little Tennessee River Watershed                                    | 0601020201    |                 |                |
| 2-19-(1)                     | Cartoogechaye Creek                     | From source to a point 0.5 mile downstream of Lenior Branch                    | 7.7 FW Miles  | WS-III;Tr       |                |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                                    | Aquatic Life  | 2004            |                |
| 1                            | Ecological/biological Integrity FishCom | Good Bioclassification                                                         | Aquatic Life  | 2004            |                |
| 2-10                         | Coweeta Creek                           | From source to Little Tennessee River                                          | 4.6 FW Miles  | B;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                                    | Aquatic Life  | 2004            |                |
| 1                            | Ecological/biological Integrity FishCom | Good Bioclassification                                                         | Aquatic Life  | 2004            |                |
| 2-(1)a                       | LITTLE TENNESSEE RIVER                  | From North Carolina-Georgia State line to the confluence of Mulberry Creek     | 2.1 FW Miles  | C               |                |
| 1                            | Ecological/biological Integrity Benthos | Good-Fair Bioclassification                                                    | Aquatic Life  | 2004            |                |
| 5                            | Ecological/biological Integrity FishCom | Fair Bioclassification                                                         | Aquatic Life  | 2004            | 2002           |
| 2-(1)b                       | LITTLE TENNESSEE RIVER                  | From the confluence of Mulberry Creek to the confluence of Cartoogechaye Creek | 15.9 FW Miles | C               |                |
| 1                            | Ecological/biological Integrity Benthos | Good Bioclassification                                                         | Aquatic Life  | 2004            |                |
| 1                            | Fecal Coliform (recreation)             | No Criteria Exceeded                                                           | Recreation    | 2008            |                |
| 1                            | Water Quality Standards Aquatic Life    | No Criteria Exceeded                                                           | Aquatic Life  | 2008            |                |
| 2-8                          | Middle Creek                            | From source to Little Tennessee River                                          | 8.8 FW Miles  | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                                    | Aquatic Life  | 2004            |                |
| 1                            | Ecological/biological Integrity FishCom | Good Bioclassification                                                         | Aquatic Life  | 2004            |                |
| 2-9                          | Tessentee Creek                         | From source to Little Tennessee River                                          | 8.1 FW Miles  | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                                    | Aquatic Life  | 2004            |                |
| 1                            | Ecological/biological Integrity FishCom | Good Bioclassification                                                         | Aquatic Life  | 2004            |                |
| Little Tennessee River Basin |                                         | Cullasaja River Watershed                                                      | 0601020202    |                 |                |
| 2-21-2                       | Ammons Branch                           | From source to Cullasaja River                                                 | 0.8 FW Miles  | WS-III          |                |
| 1                            | Ecological/biological Integrity Benthos | Not Impaired Bioclassification                                                 | Aquatic Life  | 2001            |                |
| 2-21-5-1-(0.5)               | Big Creek (Randall Lake)                | From source to a point 0.7 mile upstream of mouth                              | 3.4 FW Miles  | WS-II;Tr,HQW    |                |
| 1                            | Ecological/biological Integrity Benthos | Good Bioclassification                                                         | Aquatic Life  | 2001            |                |
| 2-21-5-1-(4)                 | Big Creek Arm of Lake Sequoyah          | From a point 0.7 mile upstream of mouth to Lake Sequoyah, Cullasaja River      | 0.6 FW Miles  | WS-II;Tr,HQW,CA |                |
| 1                            | Ecological/biological Integrity Benthos | Good Bioclassification                                                         | Aquatic Life  | 2000            |                |

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|------------------------------|-----------------------------------------|------------------------------------------------------------------------|---------------------------|-----------------|----------------|
| Category                     | Parameter                               | Reason for Rating                                                      | Use Category              | Collection Year | 303(d)year     |
| Little Tennessee River Basin |                                         |                                                                        | Cullasaja River Watershed |                 | 0601020202     |
| 2-21-(5.5)                   | Cullasaja River                         | From dam at Lake Sequoyah to Little Tennessee River                    | 10.6                      | FW Miles        | B;Tr           |
| 1                            | Ecological/biological Integrity Benthos | Good Bioclassification                                                 | Aquatic Life              | 2004            |                |
| 2-21-(3.5)b                  | Cullasaja River (Lake Sequoyah)         | From backwaters of Lake Sequoyah to dam at Lake Sequoyah               | 42.1                      | FW Acres        | WS-III;Tr,CA   |
| 3a                           | Low Dissolved Oxygen                    | Potential Standards Violation                                          | Aquatic Life              | 2008            |                |
| 3a                           | Low pH                                  | Potential Standards Violation                                          | Aquatic Life              | 2008            |                |
| 1                            | Water Quality Standards Water Supply    | No Criteria Exceeded                                                   | Water Supply              | 2008            |                |
| 2-21-(0.5)a                  | Cullasaja River(Ravenel Lake)           | Source to 0.6 miles downstream of US64 (head of Mirror lake)           | 3.7                       | FW Miles        | WS-III;Tr      |
| 5                            | Ecological/biological Integrity Benthos | Fair Bioclassification                                                 | Aquatic Life              | 2004            | 1998           |
| 2-21-(0.5)b                  | Cullasaja River(Ravenel Lake)           | From 0.6 miles downstream of US64 (head of Mirror lake) to Mirror lake | 0.7                       | FW Miles        | WS-III;Tr      |
| 5                            | Ecological/biological Integrity Benthos | Fair Bioclassification                                                 | Aquatic Life              | 2004            | 1998           |
| 2-21-23                      | Ellijay Creek                           | From source to Cullasaja River                                         | 7.2                       | FW Miles        | C;Tr           |
| 1                            | Ecological/biological Integrity FishCom | Good Bioclassification                                                 | Aquatic Life              | 2004            |                |
| 2-21-5-1-3-(2)               | Houston Branch                          | From Dam at Highlands Reservoir to Big Creek                           | 0.9                       | FW Miles        | WS-II;HQW      |
| 1                            | Ecological/biological Integrity Benthos | Not Impaired Bioclassification                                         | Aquatic Life              | 2000            |                |
| 2-21-3                       | Mill Creek                              | From source to Mirror Lake, Cullasaja River                            | 1.3                       | FW Miles        | WS-III;Tr      |
| 5                            | Ecological/biological Integrity Benthos | Fair Bioclassification                                                 | Aquatic Life              | 1991            | 1998           |
| 2-21-1                       | Saltrock Branch                         | From source to Cullasaja River                                         | 0.8                       | FW Miles        | WS-III         |
| 3a                           | Ecological/biological Integrity Benthos | Not Rated Bioclassification                                            | Aquatic Life              | 2001            |                |
| 2-21-6-(1)                   | Skitty Creek (Cliffside Lake)           | From source to Dam at Cliffside Lake                                   | 1.9                       | FW Miles        | B;Tr           |
| 1                            | Ecological/biological Integrity Benthos | Not Impaired Bioclassification                                         | Aquatic Life              | 2000            |                |
| 2-21-8                       | Turtle Pond Creek                       | From source to Cullasaja River                                         | 4.0                       | FW Miles        | C;Tr           |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                            | Aquatic Life              | 2004            |                |
| 2-21-17                      | Walnut Creek                            | From source to Cullasaja River                                         | 4.5                       | FW Miles        | C;Tr           |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                            | Aquatic Life              | 2004            |                |
| 3a                           | Ecological/biological Integrity FishCom | Not Rated Bioclassification                                            | Aquatic Life              | 2004            |                |
| Little Tennessee River Basin |                                         |                                                                        | Nantahala River Watershed |                 | 0601020203     |

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| AU_Number                    | AU_Name                                    | AU_Description                                                                      | LengthArea                                    | AU_Units        | Classification |
|------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|-----------------|----------------|
| Category                     | Parameter                                  | Reason for Rating                                                                   | Use Category                                  | Collection Year | 303(d)year     |
| Little Tennessee River Basin |                                            |                                                                                     | Nantahala River Watershed                     |                 | 0601020203     |
| 2-57-42                      | Dicks Creek                                | From source to Nantahala River                                                      | 3.3 FW Miles                                  | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos    | Good-Fair Bioclassification                                                         | Aquatic Life                                  | 2004            |                |
| 2-57-(0.5)                   | Nantahala River                            | From source to Roaring Fork                                                         | 3.5 FW Miles                                  | B;Tr,ORW        |                |
| 1                            | Ecological/biological Integrity Benthos    | Excellent Bioclassification                                                         | Aquatic Life                                  | 2004            |                |
| 1                            | Fecal Coliform (recreation)                | No Criteria Exceeded                                                                | Recreation                                    | 2008            |                |
| 1                            | Water Quality Standards Aquatic Life       | No Criteria Exceeded                                                                | Aquatic Life                                  | 2008            |                |
| 2-57-(22.5)b                 | Nantahala River                            | From Nantahala Lake Dam to Nantahala River Arm of Fontana Lake, Little Tennessee R. | 18.2 FW Miles                                 | B;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos    | Good Bioclassification                                                              | Aquatic Life                                  | 2004            |                |
| 2-57-45b                     | Whiteoak Creek                             | From SR 1397 to SR 1423                                                             | 1.0 FW Miles                                  | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos    | Good-Fair Bioclassification                                                         | Aquatic Life                                  | 2004            |                |
| 3a                           | Legacy Nutrient Listing no Water Quality S | Data Inconclusive                                                                   | Aquatic Life                                  | 1998            |                |
| 2-57-45c                     | Whiteoak Creek                             | From SR 1423 to Nantahala River                                                     | 3.6 FW Miles                                  | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos    | Excellent Bioclassification                                                         | Aquatic Life                                  | 2004            |                |
| Little Tennessee River Basin |                                            |                                                                                     | Alarka Creek-Little Tennessee River Watershed |                 | 0601020204     |
| 2-69-(2.5)                   | Alarka Creek                               | From Upper Long Creek to Fontana Lake, Little Tennessee R.                          | 13.1 FW Miles                                 | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos    | Excellent Bioclassification                                                         | Aquatic Life                                  | 2004            |                |
| 1                            | Ecological/biological Integrity FishCom    | Good-Fair Bioclassification                                                         | Aquatic Life                                  | 2004            |                |
| 2-33                         | Bradley Creek                              | From source to Little Tennessee River                                               | 3.7 FW Miles                                  | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos    | Good-Fair Bioclassification                                                         | Aquatic Life                                  | 2008            |                |
| 2-46                         | Brush Creek                                | From source to Little Tennessee River                                               | 6.3 FW Miles                                  | C               |                |
| 1                            | Ecological/biological Integrity FishCom    | Good Bioclassification                                                              | Aquatic Life                                  | 2004            |                |
| 2-38                         | Burningtown Creek                          | From source to Little Tennessee River                                               | 11.7 FW Miles                                 | B;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos    | Excellent Bioclassification                                                         | Aquatic Life                                  | 2008            |                |
| 1                            | Ecological/biological Integrity FishCom    | Excellent Bioclassification                                                         | Aquatic Life                                  | 2004            |                |
| 2-29-4                       | Caler Fork Creek                           | From source to Cowee Creek                                                          | 4.6 FW Miles                                  | C               |                |
| 1                            | Ecological/biological Integrity Benthos    | Good Bioclassification                                                              | Aquatic Life                                  | 2008            |                |
| 2-23-4a                      | Cat Creek                                  | From source GB171 off Preserve Drive                                                | 2.5 FW Miles                                  | C               |                |
| 1                            | Ecological/biological Integrity Benthos    | Not Impaired Bioclassification                                                      | Aquatic Life                                  | 2008            |                |

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|------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|----------------|
| Category                     | Parameter                                                                                          | Reason for Rating                                                                                                               | Use Category  | Collection Year | 303(d)year     |
| Little Tennessee River Basin |                                                                                                    | Alarka Creek-Little Tennessee River Watershed                                                                                   |               | 0601020204      |                |
| 2-23-4b                      | Cat Creek                                                                                          | From GB171 off Preserve Drive to Rabbit Creek                                                                                   | 0.5 FW Miles  | C               |                |
| 5                            | Ecological/biological Integrity Benthos                                                            | Poor Bioclassification                                                                                                          | Aquatic Life  | 2008            | 2010           |
| 2-24-3                       | Coon Creek                                                                                         | From source to Watauga Creek                                                                                                    | 3.1 FW Miles  | C               |                |
| 1                            | Ecological/biological Integrity Benthos                                                            | Good-Fair Bioclassification                                                                                                     | Aquatic Life  | 2008            |                |
| 2-29                         | Cowee Creek                                                                                        | From source to Little Tennessee River                                                                                           | 4.0 FW Miles  | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos                                                            | Excellent Bioclassification                                                                                                     | Aquatic Life  | 2008            |                |
| 1                            | Ecological/biological Integrity FishCom                                                            | Good Bioclassification                                                                                                          | Aquatic Life  | 2004            |                |
| 2-29-4-2                     | Dalton Creek                                                                                       | From source to Caler Fork Creek                                                                                                 | 2.2 FW Miles  | C               |                |
| 1                            | Ecological/biological Integrity Benthos                                                            | Not Impaired Bioclassification                                                                                                  | Aquatic Life  | 2008            |                |
| 2-27-1                       | lotla Branch                                                                                       | From source to lotla Creek                                                                                                      | 2.4 FW Miles  | C               |                |
| 5                            | Ecological/biological Integrity Benthos                                                            | Fair Bioclassification                                                                                                          | Aquatic Life  | 2008            | 2010           |
| 2-27                         | lotla Creek                                                                                        | From source to Little Tennessee River                                                                                           | 5.5 FW Miles  | C               |                |
| 1                            | Ecological/biological Integrity Benthos                                                            | Good Bioclassification                                                                                                          | Aquatic Life  | 2008            |                |
| 1                            | Ecological/biological Integrity FishCom                                                            | Good-Fair Bioclassification                                                                                                     | Aquatic Life  | 2004            |                |
| 2-34                         | Lakey Creek                                                                                        | From source to Little Tennessee River                                                                                           | 3.4 FW Miles  | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos                                                            | Good Bioclassification                                                                                                          | Aquatic Life  | 2008            |                |
| 2-(26.5)a                    | LITTLE TENNESSEE RIVER (Including the backwaters of Fontana Lake at normal pool elevation 1708 fee | From to a point 0.4 mile upstream of N.C. Hwy. 28 (located 0.42 mile upstream of mouth of lotla Creek) to subbasin 01/02 border | 10.0 FW Miles | B               |                |
| 1                            | Ecological/biological Integrity Benthos                                                            | Good-Fair Bioclassification                                                                                                     | Aquatic Life  | 2004            |                |
| 1                            | Fecal Coliform (recreation)                                                                        | No Criteria Exceeded                                                                                                            | Recreation    | 2008            |                |
| 1                            | Water Quality Standards Aquatic Life                                                               | No Criteria Exceeded                                                                                                            | Aquatic Life  | 2008            |                |
| 2-(26.5)b                    | LITTLE TENNESSEE RIVER (Including the backwaters of Fontana Lake at normal pool elevation 1708 fee | From Subbasin 01/02 boundary to Nantahala River Arm of Fontana Lake                                                             | 11.9 FW Miles | B               |                |
| 1                            | Ecological/biological Integrity Benthos                                                            | Excellent Bioclassification                                                                                                     | Aquatic Life  | 2007            |                |

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|------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------|----------------|
| Category                     | Parameter                                              | Reason for Rating                                                                                  | Use Category                                  | Collection Year  | 303(d)year     |
| Little Tennessee River Basin |                                                        |                                                                                                    | Alarka Creek-Little Tennessee River Watershed |                  | 0601020204     |
| 2-29-5                       | Matlock Creek                                          | From source to Cowee Creek                                                                         | 4.3 FW Miles                                  | C                |                |
| 1                            | Ecological/biological Integrity Benthos                | Good-Fair Bioclassification                                                                        | Aquatic Life                                  | 2008             |                |
| 2-23b                        | Rabbitt Creek                                          | From Elmore Branch to Little Tennessee River                                                       | 2.1 FW Miles                                  | C;Tr             |                |
| 5                            | Ecological/biological Integrity Benthos                | Poor Bioclassification                                                                             | Aquatic Life                                  | 2008             | 2010           |
| 1                            | Ecological/biological Integrity FishCom                | Good-Fair Bioclassification                                                                        | Aquatic Life                                  | 2004             |                |
| 2-44                         | Rattlesnake Creek                                      | From source to Little Tennessee River                                                              | 3.1 FW Miles                                  | C                |                |
| 1                            | Ecological/biological Integrity Benthos                | Not Impaired Bioclassification                                                                     | Aquatic Life                                  | 2007             |                |
| 1                            | Water Quality Standards Aquatic Life                   | No Criteria Exceeded                                                                               | Aquatic Life                                  | 2008             |                |
| 2-40                         | Tellico Creek                                          | From source to Little Tennessee River                                                              | 5.9 FW Miles                                  | C;Tr             |                |
| 1                            | Ecological/biological Integrity Benthos                | Excellent Bioclassification                                                                        | Aquatic Life                                  | 2004             |                |
| 1                            | Ecological/biological Integrity FishCom                | Good Bioclassification                                                                             | Aquatic Life                                  | 2004             |                |
| 2-24                         | Watauga Creek                                          | From source to Little Tennessee River                                                              | 5.4 FW Miles                                  | C;Tr             |                |
| 1                            | Ecological/biological Integrity Benthos                | Good Bioclassification                                                                             | Aquatic Life                                  | 2008             |                |
| 2-38-8                       | Younce Creek                                           | From source to Burningtown Creek                                                                   | 3.7 FW Miles                                  | C                |                |
| 1                            | Ecological/biological Integrity Benthos                | Good Bioclassification                                                                             | Aquatic Life                                  | 2008             |                |
| Little Tennessee River Basin |                                                        |                                                                                                    | Fontana Lake Watershed                        |                  | 0601020205     |
| 2-159-(6)                    | Eagle Creek                                            | From Pinnacle Creek to Eagle Creek Arm of Fontana Lake, Little Tennessee River                     | 1.7 FW Miles                                  | WS-IV;Tr,ORW,C   |                |
| 1                            | Ecological/biological Integrity Benthos                | Excellent Bioclassification                                                                        | Aquatic Life                                  | 2005             |                |
| 2-146-(19)                   | Hazel Creek                                            | From a point 0.7 mile upstream of mouth to Hazel Creek Arm of Fontana Lake, Little Tennessee River | 0.9 FW Miles                                  | WS-IV;Tr,ORW,C A |                |
| 1                            | Ecological/biological Integrity Benthos                | Excellent Bioclassification                                                                        | Aquatic Life                                  | 2005             |                |
| 2-(140.5)                    | LITTLE TENNESSEE RIVER (Fontana Lake below elev. 1708) | From the upstream side of Shoal Branch to Fontana Dam                                              | 1,696.7 FW Acres                              | WS-IV,B;CA       |                |
| 1                            | Water Quality Standards Aquatic Life                   | No Criteria Exceeded                                                                               | Aquatic Life                                  | 2008             |                |
| 1                            | Water Quality Standards Water Supply                   | No Criteria Exceeded                                                                               | Water Supply                                  | 2008             |                |
| 2-115                        | Panther Creek                                          | From source to Fontana Lake, Little Tennessee River                                                | 2.4 FW Miles                                  | C;Tr             |                |
| 1                            | Ecological/biological Integrity Benthos                | Good Bioclassification                                                                             | Aquatic Life                                  | 2004             |                |
| 3a                           | Ecological/biological Integrity FishCom                | Not Rated Bioclassification                                                                        | Aquatic Life                                  | 2004             |                |

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|------------------------------|-----------------------------------------|--------------------------------------------------------------------------------|-----------------------------------|-----------------|----------------|
| Category                     | Parameter                               | Reason for Rating                                                              | Use Category                      | Collection Year | 303(d)year     |
| Little Tennessee River Basin |                                         |                                                                                | Fontana Lake Watershed 0601020205 |                 |                |
| 2-166                        | Payne Branch                            | From source to Fontana Lake, Little Tennessee River                            | 1.0 FW Miles                      | WS-IV;Tr,CA     |                |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                                    | Aquatic Life                      | 2005            |                |
| 2-132                        | Pilkey Creek                            | From source to Fontana Lake, Little Tennessee River                            | 1.8 FW Miles                      | C;Tr,ORW        |                |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                                    | Aquatic Life                      | 2005            |                |
| 2-147-(0.7)                  | Shehan Branch (Possum Hollow Creek)     | From Bearpen Branch to Hazel Creek Arm of Fontana Lake, Little Tennessee River | 0.6 FW Miles                      | WS-IV;Tr,ORW,CA |                |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                                    | Aquatic Life                      | 2005            |                |
| 2-130                        | Stecoah Creek                           | From source to Fontana Lake, Little Tennessee River                            | 7.4 FW Miles                      | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                                    | Aquatic Life                      | 2007            |                |
| 3a                           | Ecological/biological Integrity FishCom | Not Rated Bioclassification                                                    | Aquatic Life                      | 2004            |                |

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|------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------|------------------|-----------------|----------------|
| Category                     | Parameter                                                         | Reason for Rating                                                        | Use Category     | Collection Year | 303(d)year     |
| Little Tennessee River Basin |                                                                   | Upper Tuckasegee River Watershed                                         |                  | 0601020301      |                |
| Little Tennessee River Basin |                                                                   | Tuckasegee River Subbasin                                                |                  | 06010203        |                |
| Little Tennessee River Basin |                                                                   | Upper Tuckasegee River Watershed                                         |                  | 0601020301      |                |
| 2-79-28-(2.5)                | Caney Fork                                                        | From Mull Creek to Tuckasegee River                                      | 1.3 FW Miles     | WS-III;Tr       |                |
| 1                            | Ecological/biological Integrity Benthos                           | Excellent Bioclassification                                              | Aquatic Life     | 2004            |                |
| 1                            | Ecological/biological Integrity FishCom                           | Good Bioclassification                                                   | Aquatic Life     | 2004            |                |
| 2-79-31a                     | Cullowhee Creek                                                   | From source to first crossing of NC 107 near Cullowhee                   | 8.7 FW Miles     | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos                           | Excellent Bioclassification                                              | Aquatic Life     | 2004            |                |
| 1                            | Ecological/biological Integrity FishCom                           | Good-Fair Bioclassification                                              | Aquatic Life     | 2004            |                |
| 2-79-28-8                    | Moses Creek                                                       | From source to Caney Fork                                                | 4.1 FW Miles     | WS-III;Tr       |                |
| 1                            | Ecological/biological Integrity Benthos                           | Excellent Bioclassification                                              | Aquatic Life     | 2004            |                |
| 2-79-(5.5)b                  | Tuckasegee River (Bear Creek Lake)                                | From Tennessee Creek to West Fork Tuckasegee River                       | 443.8 FW Acres   | WS-III,B;Tr     |                |
| 1                            | Water Quality Standards Aquatic Life                              | No Criteria Exceeded                                                     | Aquatic Life     | 2008            |                |
| 1                            | Water Quality Standards Water Supply                              | No Criteria Exceeded                                                     | Water Supply     | 2008            |                |
| 2-79-(5.5)c                  | Tuckasegee River (Cedar Cliff Lake)                               | From Tennessee Creek to West Fork Tuckasegee River                       | 131.4 FW Acres   | WS-III,B;Tr     |                |
| 1                            | Water Quality Standards Aquatic Life                              | No Criteria Exceeded                                                     | Aquatic Life     | 2008            |                |
| 1                            | Water Quality Standards Water Supply                              | No Criteria Exceeded                                                     | Water Supply     | 2008            |                |
| 2-79-(0.5)                   | Tuckasegee River (East Fork Lake)                                 | From source to Tennessee Creek                                           | 4.4 FW Miles     | WS-III,B;Tr,ORW |                |
| 1                            | Ecological/biological Integrity Benthos                           | Excellent Bioclassification                                              | Aquatic Life     | 2004            |                |
| 2-79-(24)ut4                 | UT TUCKASEGEE R                                                   | Source to TUCKASEGEE R                                                   | 1.3 FW Miles     |                 |                |
| 1                            | Ecological/biological Integrity Benthos                           | Not Impaired Bioclassification                                           | Aquatic Life     | 2007            |                |
| 5                            | Low pH                                                            | Standard Violation                                                       | Aquatic Life     | 2008            | 2010           |
| 2-79-23-(1)                  | West Fork Tuckasegee River (Thorpe Lake below elevation 3492 MSL) | From source in Thorpe Lake Backwater at Elevation 3492 MSL to Thorpe Dam | 1,388.5 FW Acres | WS-III,B;HQW    |                |
| 1                            | Water Quality Standards Aquatic Life                              | No Criteria Exceeded                                                     | Aquatic Life     | 2008            |                |
| 1                            | Water Quality Standards Water Supply                              | No Criteria Exceeded                                                     | Water Supply     | 2008            |                |
| 2-79-9-(1)                   | Wolf Creek (Wolf Creek Lake)                                      | From source to Wolf Creek Dam                                            | 5.3 FW Miles     | WS-III,B;Tr,HQW |                |
| 1                            | Water Quality Standards Water Supply                              | No Criteria Exceeded                                                     | Water Supply     | 2008            |                |

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| AU_Number                    | AU_Name                                 | AU_Description                                                                                              | LengthArea                        | AU_Units        | Classification |
|------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------|----------------|
| Category                     | Parameter                               | Reason for Rating                                                                                           | Use Category                      | Collection Year | 303(d)year     |
| Little Tennessee River Basin |                                         |                                                                                                             | Oconaluftee River Watershed       | 0601020302      |                |
| Little Tennessee River Basin |                                         |                                                                                                             | Oconaluftee River Watershed       | 0601020302      |                |
| 2-79-55-(11)                 | Oconaluftee River                       | From Bradley Fork to Raven Fork                                                                             | 4.9 FW Miles                      | C;Tr,HQW        |                |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                                                                 | Aquatic Life                      | 2004            |                |
| 2-79-55-(16.5)               | Oconaluftee River                       | From Raven Fork to Cherokee Indian Reservation boundary (approximately 0.4 miles downstream of Goose Creek) | 8.3 FW Miles                      | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                                                                 | Aquatic Life                      | 2004            |                |
| Little Tennessee River Basin |                                         |                                                                                                             | Middle Tuckasegee River Watershed | 0601020303      |                |
| 2-79-49-1                    | Beck Branch                             | From source to Camp Creek                                                                                   | 1.2 FW Miles                      | C               |                |
| 3a                           | Ecological/biological Integrity FishCom | Not Rated Bioclassification                                                                                 | Aquatic Life                      | 2005            |                |
| 2-79-49                      | Camp Creek                              | From source to Tuckasegee River                                                                             | 4.4 FW Miles                      | C               |                |
| 3a                           | Ecological/biological Integrity FishCom | Not Rated Bioclassification                                                                                 | Aquatic Life                      | 2005            |                |
| 2-79-52                      | Conley Creek<br>(Connelly Creek)        | From source to Tuckasegee River                                                                             | 7.4 FW Miles                      | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos | Good Bioclassification                                                                                      | Aquatic Life                      | 2004            |                |
| 3a                           | Ecological/biological Integrity FishCom | Not Rated Bioclassification                                                                                 | Aquatic Life                      | 2004            |                |
| 2-79-39-3-6                  | Licklog Creek                           | From source to Dark Ridge Creek                                                                             | 1.7 FW Miles                      | C               |                |
| 1                            | Ecological/biological Integrity Benthos | Good Bioclassification                                                                                      | Aquatic Life                      | 2007            |                |
| 2-79-36                      | Savannah Creek                          | From source to Tuckasegee River                                                                             | 13.4 FW Miles                     | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos | Good Bioclassification                                                                                      | Aquatic Life                      | 2004            |                |
| 1                            | Ecological/biological Integrity FishCom | Good Bioclassification                                                                                      | Aquatic Life                      | 2004            |                |
| 5                            | Fecal Coliform (recreation)             | Standard Violation                                                                                          | Recreation                        | 2005            | 2008           |
| 2-79-39                      | Scott Creek                             | From source to Tuckasegee River                                                                             | 15.3 FW Miles                     | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos | Excellent Bioclassification                                                                                 | Aquatic Life                      | 2007            |                |
| 3a                           | Ecological/biological Integrity FishCom | Not Rated Bioclassification                                                                                 | Aquatic Life                      | 2004            |                |
| 5                            | Fecal Coliform (recreation)             | Standard Violation                                                                                          | Recreation                        | 2005            | 2008           |
| 2-79-39-5-1                  | Sugarloaf Creek                         | From source to Soapstone Creek                                                                              | 1.8 FW Miles                      | C               |                |
| 5                            | Ecological/biological Integrity Benthos | Fair Bioclassification                                                                                      | Aquatic Life                      | 2007            | 2010           |
| 2-79-(35.5)a                 | Tuckasegee River                        | From Savannah Creek to UT 0.3 miles upstream of Yellow Bird Creek                                           | 1.4 FW Miles                      | C;Tr            |                |
| 5                            | Fecal Coliform (recreation)             | Standard Violation                                                                                          | Recreation                        | 2005            | 2008           |

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|------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------|----------------|
| Category                     | Parameter                                                                              | Reason for Rating                                                                                                                  | Use Category                      | Collection Year | 303(d)year     |
| Little Tennessee River Basin |                                                                                        |                                                                                                                                    | Middle Tuckasegee River Watershed |                 | 0601020303     |
| 2-79-(35.5)b                 | Tuckasegee River                                                                       | From UT 0.3 miles upstream of yellow Bird Creek to Dillsboro Dam                                                                   | 0.5 FW Miles                      | C;Tr            |                |
| 5                            | Fecal Coliform (recreation)                                                            | Standard Violation                                                                                                                 | Recreation                        | 2005            | 2008           |
| 2-79-(38)                    | Tuckasegee River                                                                       | From Dillsboro Dam to Mack Town Branch                                                                                             | 0.7 FW Miles                      | C               |                |
| 5                            | Fecal Coliform (recreation)                                                            | Standard Violation                                                                                                                 | Recreation                        | 2005            | 2008           |
| Little Tennessee River Basin |                                                                                        |                                                                                                                                    | Lower Tuckasegee River Watershed  |                 | 0601020304     |
| 2-79-63-(16)                 | Deep Creek                                                                             | From Indian Creek to Juney Whank Branch                                                                                            | 0.8 FW Miles                      | WS-II,B;Tr,H    |                |
| 1                            | Ecological/biological Integrity Benthos                                                | Excellent Bioclassification                                                                                                        | Aquatic Life                      | 2004            |                |
| 2-79-63-(21)                 | Deep Creek                                                                             | From Town of Bryson City water supply intake (located just below Great Smoky Mountains National Park Boundary) to Tuckasegee River | 1.8 FW Miles                      | B;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos                                                | Excellent Bioclassification                                                                                                        | Aquatic Life                      | 2004            |                |
| 2-97                         | Forney Creek                                                                           | From source to Tuckasegee River Arm of Fontana Lake, Little Tennessee River                                                        | 9.5 FW Miles                      | C;Tr,ORW        |                |
| 1                            | Ecological/biological Integrity Benthos                                                | Excellent Bioclassification                                                                                                        | Aquatic Life                      | 2004            |                |
| 2-96                         | Gray Wolf Creek                                                                        | From source to Tuckasegee River Arm of Fontana Lake, Little Tennessee River                                                        | 2.2 FW Miles                      | B;ORW           |                |
| 1                            | Ecological/biological Integrity Benthos                                                | Excellent Bioclassification                                                                                                        | Aquatic Life                      | 2005            |                |
| 2-90                         | Noland Creek                                                                           | From source to Tuckasegee River Arm of Fontana Lake, Little Tennessee River                                                        | 10.8 FW Miles                     | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos                                                | Good Bioclassification                                                                                                             | Aquatic Life                      | 2004            |                |
| 2-79-(40.5)                  | Tuckasegee River                                                                       | From Mack Town Branch to Cochran Branch                                                                                            | 17.7 FW Miles                     | B               |                |
| 1                            | Ecological/biological Integrity Benthos                                                | Excellent Bioclassification                                                                                                        | Aquatic Life                      | 2004            |                |
| 1                            | Fecal Coliform (recreation)                                                            | No Criteria Exceeded                                                                                                               | Recreation                        | 2008            |                |
| 1                            | Water Quality Standards Aquatic Life                                                   | No Criteria Exceeded                                                                                                               | Aquatic Life                      | 2008            |                |
| 2-(78)a                      | Tuckasegee River Arm of Fontana Lake, Little Tennessee River, below elevation 1708 MSL | From Lemmons Creek to Peachtree Creek                                                                                              | 170.6 FW Acres                    | C               |                |
| 5                            | Fecal Coliform (recreation)                                                            | Standard Violation                                                                                                                 | Recreation                        | 2005            | 2008           |

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| AU_Number | AU_Name   | AU_Description    | LengthArea   | AU_Units        | Classification |
|-----------|-----------|-------------------|--------------|-----------------|----------------|
| Category  | Parameter | Reason for Rating | Use Category | Collection Year | 303(d)year     |

Little Tennessee River Basin

Lower Tuckasegee River Watershed

0601020304

|        |                                                                                                    |                                                                                                                 |                  |   |
|--------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------|---|
| 2-(89) | Tuckasegee River<br>Arm of Fontana Lake,<br>Little Tennessee<br>River, below<br>elevation 1708 MSL | That portion of Tuckasegee River Arm of<br>Fontana Lake below the upstream side of<br>the mouth of Noland Creek | 1,019.0 FW Acres | B |
|--------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------|---|

|   |                                      |                      |              |      |
|---|--------------------------------------|----------------------|--------------|------|
| 1 | Water Quality Standards Aquatic Life | No Criteria Exceeded | Aquatic Life | 2008 |
|---|--------------------------------------|----------------------|--------------|------|

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| AU_Number                    | AU_Name                                   | AU_Description                                                                  | LengthArea                            | AU_Units        | Classification |
|------------------------------|-------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------|-----------------|----------------|
| Category                     | Parameter                                 | Reason for Rating                                                               | Use Category                          | Collection Year | 303(d)year     |
| Little Tennessee River Basin |                                           |                                                                                 | Cheoah River Watershed                | 0601020401      |                |
| Little Tennessee River Basin |                                           |                                                                                 | Lower Little Tennessee River Subbasin | 06010204        |                |
| Little Tennessee River Basin |                                           |                                                                                 | Cheoah River Watershed                | 0601020401      |                |
| 2-190-(22)a                  | Cheoah River                              | From Santeetlah Dam to Rock Creek                                               | 3.4 FW Miles                          | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos   | Good Bioclassification                                                          | Aquatic Life                          | 2008            |                |
| 2-190-(22)b                  | Cheoah River                              | From Rock Creek to Calderwood Lake, Little Tennessee River                      | 5.9 FW Miles                          | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos   | Excellent Bioclassification                                                     | Aquatic Life                          | 2004            |                |
| 2-190-(3.5)                  | Cheoah River                              | From the Town of Robbinsville's proposed water supply intake, to Mountain Creek | 1.4 FW Miles                          | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos   | Good Bioclassification                                                          | Aquatic Life                          | 2004            |                |
| 1                            | Fecal Coliform (recreation)               | No Criteria Exceeded                                                            | Recreation                            | 2008            |                |
| 3a                           | High Water Temperature                    | Potential Standards Violation                                                   | Aquatic Life                          | 2008            |                |
| 1                            | Water Quality Standards Aquatic Life      | No Criteria Exceeded                                                            | Aquatic Life                          | 2008            |                |
| 2-190-19-7                   | Little Santeetlah Creek                   | From source to Santeetlah Creek                                                 | 3.3 FW Miles                          | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos   | Good Bioclassification                                                          | Aquatic Life                          | 2004            |                |
| 2-190-9-(15.5)               | Snowbird Creek                            | From Polecat Branch to Santeetlah Lake, Cheoah River                            | 5.6 FW Miles                          | C;Tr            |                |
| 1                            | Ecological/biological Integrity Benthos   | Excellent Bioclassification                                                     | Aquatic Life                          | 2004            |                |
| 2-190-2-(0.5)                | Tulula Creek                              | From source to a point 0.5 mile upstream of mouth                               | 12.8 FW Miles                         | WS-III;Tr       |                |
| 1                            | Ecological/biological Integrity Benthos   | Good Bioclassification                                                          | Aquatic Life                          | 2004            |                |
| 1                            | Ecological/biological Integrity FishCom   | Good-Fair Bioclassification                                                     | Aquatic Life                          | 2004            |                |
| 2-190-12b                    | West Buffalo Creek Arm of Santeetlah Lake | From SR 1148 to Santeetlah Lake, Cheoah River                                   | 280.0 FW Acres                        | B;Tr            |                |
| 3a                           | High Water Temperature                    | Data Inconclusive                                                               | Aquatic Life                          | 2008            |                |
| 3a                           | Low Dissolved Oxygen                      | Data Inconclusive                                                               | Aquatic Life                          | 2008            |                |
| Little Tennessee River Basin |                                           |                                                                                 | Upper Tellico Lake Watershed          | 0601020404      |                |
| 2-(167)b                     | LITTLE TENNESSEE RIVER (Calderwood Lake)  | From Fontana Dam to North Carolina-Tennessee State Line Calderwood Lake Portion | 107.5 FW Acres                        | C;Tr            |                |
| 3a                           | Turbidity                                 | Potential Standards Violation                                                   | Aquatic Life                          | 2008            |                |

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|------------------------------|-----------------------------------------|-----------------------------------------------------------------------------|------------------------------|-----------------|----------------|
| Category                     | Parameter                               | Reason for Rating                                                           | Use Category                 | Collection Year | 303(d)year     |
| Little Tennessee River Basin |                                         |                                                                             | Upper Tellico Lake Watershed |                 | 0601020404     |
| 2-(167)a                     | LITTLE TENNESSEE RIVER (Cheoah Lake)    | From Fontana Dam to North Carolina-Tennessee State Line Cheoah Lake Portion | 592.9                        | FW Acres        | C;Tr           |
| 1                            | Water Quality Standards Aquatic Life    | No Criteria Exceeded                                                        | Aquatic Life                 | 2008            |                |
| 2-178-(4)                    | Twentymile Creek                        | From Proctor Branch to Lake Cheoah, Little Tennessee River                  | 3.0                          | FW Miles        | C;Tr,HQW       |
| 1                            | Ecological/biological Integrity Benthos | Good Bioclassification                                                      | Aquatic Life                 | 2004            |                |