

# 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
<b>Hiwassee River Basin</b>		<b>Chatuge Lake-Hiwassee River Watershed</b>		<b>0602000201</b>	
<b>Hiwassee River Basin</b>		<b>Hiwassee River Subbasin</b>		<b>06020002</b>	
<b>Hiwassee River Basin</b>		<b>Chatuge Lake-Hiwassee River Watershed</b>		<b>0602000201</b>	
⊙ 1-(1)	<b>HIWASSEE RIVER (Chatuge Lake below elevation 1928)</b>	From North Carolina-Georgia State line to Chatuge Dam	<b>3,533.1 FW Acres</b>		<b>B</b>
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
⊙ 1-5	<b>Shooting Creek</b>	From source to Chatuge Lake	<b>5.6 FW Miles</b>		<b>C;Tr</b>
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
<b>Hiwassee River Basin</b>		<b>Tusquitee Creek-Hiwassee River Watershed</b>		<b>0602000202</b>	
⊙ 1-21-5	<b>Big Tuni Creek</b>	From source to Tusquitee Creek	<b>6.1 FW Miles</b>		<b>C;Tr,HQW</b>
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
⊙ 1-38	<b>Calhoun Branch</b>	From source to Hiwassee River	<b>2.3 FW Miles</b>		<b>WS-IV</b>
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2006	
⊙ 1-27-(5.5)	<b>Fires Creek</b>	From Rocky Cove Branch to Hiwassee River	<b>8.6 FW Miles</b>		<b>WS-IV;Tr,OR</b>
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
3a	Ecological/biological Integrity FishCom	Not Rated Bioclassification	Aquatic Life	2004	
⊙ 1-41	<b>Mission Branch</b>	From source to Hiwassee River	<b>1.8 FW Miles</b>		<b>WS-IV</b>
3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2006	
⊙ 1-39	<b>Sudderth Branch</b>	From source to Hiwassee River	<b>1.4 FW Miles</b>		<b>WS-IV</b>
3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2006	
⊙ 1-21-(16.5)	<b>Tusquitee Creek</b>	From Buckner Branch to Hiwassee River	<b>1.7 FW Miles</b>		<b>WS-IV;Tr,HQ</b>
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
⊙ 1-21-(4.5)	<b>Tusquitee Creek</b>	From Big Tuni Creek to Buckner Branch	<b>5.8 FW Miles</b>		<b>C;Tr,HQW</b>
3a	Ecological/biological Integrity FishCom	Not Rated Bioclassification	Aquatic Life	2004	
<b>Hiwassee River Basin</b>		<b>Brasstown Creek-Hiwassee River Watershed</b>		<b>0602000203</b>	
⊙ 1-42	<b>Brasstown Creek</b>	From North Carolina-Georgia State Line to Hiwassee River	<b>8.7 FW Miles</b>		<b>WS-IV</b>
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2004	
⊙ 1-45	<b>Fall Branch</b>	From source to Hiwassee River	<b>1.9 FW Miles</b>		<b>C</b>
3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2006	

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<b>Hiwassee River Basin</b>		<b>Brasstown Creek-Hiwassee River Watershed</b>			<b>0602000203</b>
⊙ 1-44-4	<b>Fate Puett Cove Creek</b>	From source to Peachtree Creek		<b>2.1 FW Miles</b>	<b>C</b>
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2006	
⊙ 1-44-9-3	<b>Graham Branch</b>	From source to Slow Creek		<b>1.9 FW Miles</b>	<b>C</b>
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2006	
⊙ 1-(16.5)c	<b>HIWASSEE RIVER</b>	From Calhoun Creek below Mission Reservoir to a point 0.6 mile upstream of McComb Branch		<b>1.5 FW Miles</b>	<b>WS-IV</b>
3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2006	
⊙ 1-44-5	<b>Lamb Branch</b>	From source to Peachtree Creek		<b>1.7 FW Miles</b>	<b>C</b>
3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2006	
⊙ 1-42-11	<b>Little Brasstown Creek</b>	From source to Brasstown Creek		<b>4.2 FW Miles</b>	<b>WS-IV</b>
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2004	
⊙ 1-43-(2)	<b>McComb Branch</b>	From a point 0.1 mile upstream of NC Hwy. 141 to Hiwassee River		<b>0.6 FW Miles</b>	<b>WS-IV;CA</b>
3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2006	
⊙ 1-44-9-2	<b>Messer Branch</b>	From source to Slow Creek		<b>2.0 FW Miles</b>	<b>C</b>
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2006	
⊙ 1-44a	<b>Peachtree Creek</b>	From source to Pipes Branch		<b>5.3 FW Miles</b>	<b>C</b>
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2006	
⊙ 1-44b	<b>Peachtree Creek</b>	From Pipes Branch to Hiwassee River		<b>3.0 FW Miles</b>	<b>C</b>
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2006	
3a	Ecological/biological Integrity FishCom	Not Rated Bioclassification	Aquatic Life	2006	
⊙ 1-44-7	<b>Pipes Branch</b>	From source to Peachtree Creek		<b>3.0 FW Miles</b>	<b>C</b>
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2006	
⊙ 1-44-9	<b>Slow Creek</b>	From source to Peachtree Creek		<b>5.2 FW Miles</b>	<b>C</b>
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2006	
⊙ 1-44-9-4	<b>Snead Branch</b>	From source to Slow Creek		<b>2.1 FW Miles</b>	<b>C</b>
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2006	
<b>Hiwassee River Basin</b>		<b>Valley River Watershed</b>			<b>0602000204</b>
⊙ 1-52-30-(3)	<b>Beaver Creek</b>	From Andrews Water Supply Intake to Valley River		<b>2.0 FW Miles</b>	<b>C;Tr</b>
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2002	

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<b>Hiwassee River Basin</b>			<b>Valley River Watershed</b>		<b>0602000204</b>
⊙ 1-52-58	<b>Colvard Creek</b>	From source to Valley River		<b>4.3 FW Miles</b>	C;Tr
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2002	
⊙ 1-52-23	<b>Gipp Creek</b>	From source to Valley River		<b>3.6 FW Miles</b>	C;Tr,ORW
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2002	
⊙ 1-52-43	<b>Hyatt Creek</b>	From source to Valley River		<b>4.9 FW Miles</b>	C
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2002	
⊙ 1-52-25a	<b>Junaluska Creek</b>	From source to Junaluska Road		<b>6.5 FW Miles</b>	C;Tr
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
⊙ 1-52-36	<b>Morris Creek</b>	From source to Valley River		<b>4.7 FW Miles</b>	C;Tr
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2002	
⊙ 1-52-28	<b>Tatham Creek</b>	From source to Valley River		<b>1.8 FW Miles</b>	C;Tr
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2002	
⊙ 1-52-39	<b>Taylor Creek</b>	From source to Valley River		<b>4.8 FW Miles</b>	C;Tr
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2002	
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2004	
⊙ 1-52b	<b>Valley River</b>	From Gipp Creek above Andrews to Venegeance Creek near Marble		<b>9.8 FW Miles</b>	C;Tr
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2002	
3a	Ecological/biological Integrity FishCom	Not Rated Bioclassification	Aquatic Life	2004	
⊙ 1-52c	<b>Valley River</b>	From Venegeance Creek near Marble to Marble Creek above Murphy		<b>7.7 FW Miles</b>	C;Tr
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
3a	Fecal Coliform (recreation)	Potential Standards Violation	Recreation	2008	
3a	High Water Temperature	Potential Standards Violation	Aquatic Life	2008	
5	Turbidity	Standard Violation	Aquatic Life	2008	2008
⊙ 1-52-45	<b>Venegeance Creek</b>	From source to Valley River		<b>3.6 FW Miles</b>	C;Tr
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2002	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
⊙ 1-52-32	<b>Webb Creek</b>	From source to Valley River		<b>1.6 FW Miles</b>	C;Tr
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2002	

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<b>Hiwassee River Basin</b>			<b>Valley River Watershed</b>		<b>0602000204</b>
⊙ 1-52-40	<b>Welch Mill Creek</b>	From source to Valley River		<b>4.5 FW Miles</b>	C;Tr
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
⊙ 1-52-24	<b>Worm Creek</b>	From source to Valley River		<b>2.6 FW Miles</b>	C;Tr
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2002	
<b>Hiwassee River Basin</b>			<b>Nottely River Watershed</b>		<b>0602000206</b>
⊙ 1-58a	<b>Nottely River</b>	From North Carolina-Georgia State Line to Hiwassee Lake Arm		<b>12.2 FW Miles</b>	C
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
⊙ 1-58b	<b>Nottely River</b>	Hiwassee Lake Arm		<b>587.4 FW Acres</b>	C
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
<b>Hiwassee River Basin</b>			<b>Hiwassee Lake-Hiwassee River Watershed</b>		<b>0602000207</b>
⊙ 1-72	<b>Beaverdam Creek</b>	From source to Hiwassee Lake		<b>6.7 FW Miles</b>	C;Tr
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
⊙ 1-48	<b>Hampton Creek</b>	From source to Hiwassee River		<b>2.2 FW Miles</b>	C
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2006	
⊙ 1-57	<b>Hanging Dog Creek</b>	From source to Hiwassee Lake		<b>13.2 FW Miles</b>	C
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
⊙ 1-(43.7)	<b>HIWASSEE RIVER</b>	From Town of Murphy water supply intake to a point 0.3 mile downstream of Martin Creek		<b>4.2 FW Miles</b>	WS-V
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	
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
⊙ 1-(50)	<b>HIWASSEE RIVER (Hiwassee Lake below elevation 1525)</b>	From a point 0.3 mile downstream of Martin Creek to Laurel Creek		<b>143.4 FW Acres</b>	C
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
5	Low pH	Standard Violation	Aquatic Life	2008	2010
⊙ 1-(53)	<b>HIWASSEE RIVER (Hiwassee Lake below elevation 1525)</b>	From Laurel Creek to Hiwassee Dam		<b>5,029.5 FW Acres</b>	B
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	

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<b>Hiwassee River Basin</b>	<b>Hiwassee Lake-Hiwassee River Watershed</b>	<b>0602000207</b>
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<b>⊙</b>	<b>1-49</b>	<b>Martin Creek</b>	From source to Hiwassee River	<b>8.8 FW Miles</b>	<b>C</b>
1	<b>Ecological/biological Integrity Benthos</b>		Good Bioclassification	Aquatic Life	2006
1	<b>Ecological/biological Integrity FishCom</b>		Good-Fair Bioclassification	Aquatic Life	2006
<b>⊙</b>	<b>1-57-6</b>	<b>Owl Creek</b>	From source to Hanging Dog Creek	<b>8.5 FW Miles</b>	<b>C</b>
1	<b>Ecological/biological Integrity Benthos</b>		Excellent Bioclassification	Aquatic Life	2004
<b>⊙</b>	<b>1-63a</b>	<b>Persimmon Creek (Lake Cherokee)</b>	From source to Lake Cherokee	<b>5.9 FW Miles</b>	<b>C</b>
1	<b>Ecological/biological Integrity Benthos</b>		Good Bioclassification	Aquatic Life	2006
5	<b>Ecological/biological Integrity FishCom</b>		Poor Bioclassification	Aquatic Life	2006      2008

<b>Hiwassee River Basin</b>	<b>Spring Creek-Hiwassee River Watershed</b>	<b>0602000209</b>
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<b>⊙</b>	<b>1-(75)</b>	<b>HIWASSEE RIVER (Apalachia Lake below elevation 1281)</b>	From River Mile 75 0.8 mile downstream from Hiwassee Dam at Hiwassee Reservation Boundary to Apalachia Dam	<b>1,021.5 FW Acres</b>	<b>B</b>
1	<b>Water Quality Standards Aquatic Life</b>		No Criteria Exceeded	Aquatic Life	2008
<b>⊙</b>	<b>1-86</b>	<b>Shuler Creek</b>	From source to Hiwassee River	<b>11.9 FW Miles</b>	<b>C</b>
1	<b>Ecological/biological Integrity Benthos</b>		Excellent Bioclassification	Aquatic Life	2004
<b>⊙</b>	<b>1-77</b>	<b>South Shoal Creek</b>	From source to Apalachia Lake	<b>12.1 FW Miles</b>	<b>C;Tr</b>
1	<b>Ecological/biological Integrity Benthos</b>		Excellent Bioclassification	Aquatic Life	2004
3a	<b>Ecological/biological Integrity FishCom</b>		Not Rated Bioclassification	Aquatic Life	2004