

NC 2010 Integrated Report

Category 5-303(d) List Approved by EPA August 31, 2010

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All 13,123 Waters in NC are in Category 5-303(d) List for Mercury due to statewide fish consumption advice for several fish species

AU_Number	AU_Name	AU_Description	LengthArea	AU_Units	Classification
Category	Parameter	Reason for Rating	Use Category	Collection Year	303(d)year
Broad River Basin			Upper Green River Watershed		0305010501
Broad River Basin			Upper Broad River Subbasin		03050105
Broad River Basin			Upper Green River Watershed		0305010501
9-29-38-1	Brights Creek	From source to Rash Creek	5.3 FW Miles	C;Tr	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2005	
9-29-19	Davis Creek	From source to Lake Summit, Green R.	1.9 FW Miles	B;Tr	
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2007	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
9-29-(12.5)a	Green River (Lake Summit below elevation 2011)	From Rock Creek to Lake Summit	4.6 FW Miles	B;Tr	
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2005	
9-29-30	Hungry River	From source to Green River	12.5 FW Miles	C;Tr	
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
9-29-14	Joe Creek	From source to Green River	4.6 FW Miles	B;Tr	
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2005	
Broad River Basin			Lower Green River Watershed		0305010502
9-29-43	Britten Creek	From source to Green River	6.1 FW Miles	C	
1	Ecological/biological Integrity FishCom	Excellent Bioclassification	Aquatic Life	2005	
9-29-(33)	Green River, including Lake Adger below elevation 913)	From Cove Creek to a point approximately 0.4 miles downstream of White Oak Creek River	36.5 FW Miles	C	
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
9-29-(33)	Green River, including Lake Adger below elevation 913)	From Cove Creek to a point approximately 0.4 miles downstream of White Oak Creek River	36.5 FW Miles	C	
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
9-29-46-1	Little Whiteoak Creek	From source to Whiteoak Creek	8.0 FW Miles	C	
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2005	

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Broad River Basin			Lower Green River Watershed		0305010502
⊙ 9-29-44	Walnut Creek	From source to Green River		11.6 FW Miles	C
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
1	Ecological/biological Integrity FishCom	Excellent Bioclassification	Aquatic Life	2005	
⊙ 9-29-46	Whiteoak Creek	From source to Green River		18.1 FW Miles	C
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2005	
Broad River Basin			Headwaters Broad River Watershed		0305010503
⊙ 9-(1)	BROAD RIVER	From source to Pool Creek, including backwaters of Lake Lure below elevation 991		19.0 FW Miles	C;Tr
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2005	
⊙ 9-(22)b	BROAD RIVER	From US 64/74 to Rutherford County SR 1167		9.8 FW Miles	C
5	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	2005	2008
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
⊙ 9-20	Buffalo Creek	From source to Lake Lure, Broad River		4.1 FW Miles	C;Tr
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
⊙ 9-23-14a	Cedar Creek	From source to SR 1008		8.5 FW Miles	C;Tr
3a	Ecological/biological Integrity FishCom	Not Rated Bioclassification	Aquatic Life	2005	
⊙ 9-23-14b	Cedar Creek	From SR 1008 to Cove Creek		3.6 FW Miles	C;Tr
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2008	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2005	
⊙ 9-26-(0.5)b	Cleghorn Creek	From Stonecutter Creek to 90 meters south of Baber Road		2.8 FW Miles	C
5	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	2005	2008
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2005	
⊙ 9-26-(0.75)	Cleghorn Creek	From 90 meters south of Baber Road to the Broad River		1.5 FW Miles	C
5	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	2005	2008
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2005	

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Broad River Basin			Headwaters Broad River Watershed		0305010503

⊙	9-23-(9)	Cove Creek	From Greasy Creek to Broad River	14.5 FW Miles	C
1	Ecological/biological Integrity Benthos		Excellent Bioclassification	Aquatic Life	2005
1	Ecological/biological Integrity FishCom		Good Bioclassification	Aquatic Life	2005

⊙	9-25-2	East Branch Mountain Creek	From source to Mountain Creek	6.6 FW Miles	C
3a	Ecological/biological Integrity Benthos		Not Rated Bioclassification	Aquatic Life	2003

⊙	9-25-(3.5)	Mountain Creek	From a point 0.5 mile downstream of U.S. Hwys. 64&74 to a point 0.4 mile upstream of mouth	6.9 FW Miles	WS-IV
1	Ecological/biological Integrity Benthos		Good-Fair Bioclassification	Aquatic Life	2005
1	Ecological/biological Integrity FishCom		Good-Fair Bioclassification	Aquatic Life	2005

⊙	9-15	Reedypatch Creek	From source to Broad River	5.5 FW Miles	C;Tr
1	Ecological/biological Integrity Benthos		Good Bioclassification	Aquatic Life	2000

⊙	9-23-14-3	Taylor Creek	From source to Cedar Creek	4.3 FW Miles	C;Tr
1	Ecological/biological Integrity Benthos		Excellent Bioclassification	Aquatic Life	2003

Broad River Basin	Second Broad River Watershed	0305010504
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⊙	9-41-11-(2.5)	Big Camp Creek (Camp Creek)	From a point 0.5 mile upstream of mouth of Crawley Branch to Second Broad River	5.1 FW Miles	WS-IV
1	Ecological/biological Integrity FishCom		Good-Fair Bioclassification	Aquatic Life	2005

⊙	9-41-12-(5.5)	Cane Creek	From mouth of Fork Creek to Second Broad River	6.3 FW Miles	WS-IV
1	Ecological/biological Integrity FishCom		Good-Fair Bioclassification	Aquatic Life	2000

⊙	9-41-13-7-4	Case Branch (Cox Branch)	From source to Hollands Creek	1.9 FW Miles	C
3a	Ecological/biological Integrity Benthos		Not Rated Bioclassification	Aquatic Life	2003

⊙	9-41-13-(0.5)	Catheys Creek	From source to 0.4 miles downstream of Rutherford County SR 1538	15.2 FW Miles	WS-V
1	Ecological/biological Integrity Benthos		Good-Fair Bioclassification	Aquatic Life	2003
1	Ecological/biological Integrity FishCom		Good Bioclassification	Aquatic Life	2004

⊙	9-41-13-(6)a	Catheys Creek	From 0.4 miles downstream of Rutherford County SR 1538 to confluence with Hollands Creek	1.9 FW Miles	C
1	Ecological/biological Integrity Benthos		Good-Fair Bioclassification	Aquatic Life	2003

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Category	Parameter	Reason for Rating	Use Category	Collection Year	303(d)year
Broad River Basin		Second Broad River Watershed		0305010504	
⊙ 9-41-13-(6)b	Catheys Creek	From confluence with Hollands Creek to S. Broad R.		1.9 FW Miles	C
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2003	
5	Ecological/biological Integrity FishCom	Fair Bioclassification	Aquatic Life	2004	1998
⊙ 9-41-13-7-(1)	Hollands Creek	From source to Duke Power Co. old Auxiliary Raw Water Supply Intake		3.9 FW Miles	WS-V
3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2003	
⊙ 9-41-13-7-(3)a	Hollands Creek	From Duke Power Co. old Auxiliary Raw Water Supply Intake to Case Branch		0.7 FW Miles	C
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2003	
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2004	
⊙ 9-41-13-7-(3)b	Hollands Creek	From Case Branch to Catheys Creek		2.2 FW Miles	C
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2003	
5	Ecological/biological Integrity FishCom	Fair Bioclassification	Aquatic Life	2004	1998
⊙ 9-41-13-3	Mill Creek	From source to Catheys Creek		4.5 FW Miles	WS-V
5	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	2003	2008
⊙ 9-41-14	Roberson Creek (Robinson Creek)	From source to Second Broad River		12.9 FW Miles	WS-V
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2005	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2005	
⊙ 9-41-(0.5)	Second Broad River	From source to a point 0.4 mile downstream of Rutherford County SR 1504		15.8 FW Miles	WS-V
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2005	
⊙ 9-41-(10.5)	Second Broad River	From a point 0.4 mile downstream of Rutherford County SR 1504 to a point 0.8 mile upstream of mouth of Catheys Creek		9.9 FW Miles	WS-IV
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2005	
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	

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Broad River Basin			Second Broad River Watershed		0305010504

9-41-(24.7) **Second Broad River** From Cone Mills Water Supply Intake to Broad River **2.2 FW Miles** WS-IV

1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2005	
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	

Broad River Basin **Sandy Run-Broad River Watershed** **0305010505**

9-(25.5) **BROAD RIVER** From a point 0.2 mile downstream of Rutherford County SR 1145 to a point 0.5 mile upstream of the Town of Forest City proposed water supply intake **12.9 FW Miles** WS-IV

1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2005	
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9-37 **Floyds Creek** From source to Broad River **12.5 FW Miles** C

1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2005	
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9-46-(1) **Sandy Run Creek** From source to a point approximately 0.7 mile upstream of SR 1168 **10.4 FW Miles** WS-IV

5	Ecological/biological Integrity FishCom	Fair Bioclassification	Aquatic Life	2005	2008
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9-46-(3.5) **Sandy Run Creek** From a point approximately 0.7 mile upstream of SR 1168 to Broad River **12.1 FW Miles** C

1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
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Broad River Basin **Upper First Broad River Watershed** **0305010506**

9-50-8 **Brier Creek** From source to First Broad River **6.7 FW Miles** C;Tr

1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2008	
1	Ecological/biological Integrity FishCom	Excellent Bioclassification	Aquatic Life	2005	

9-50-13 **Duncans Creek** From source to First Broad River **10.1 FW Miles** C

1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2005	
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9-50-(1) **First Broad River** From source to Cleveland County SR 1530 **15.0 FW Miles** WS-V;Tr

1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2005	
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
3a	High Water Temperature	Potential Standards Violation	Aquatic Life	2008	
5	Low pH	Standard Violation	Aquatic Life	2008	2008
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	

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Broad River Basin			Upper First Broad River Watershed		0305010506
⊙ 9-50-(19.5)	First Broad River	From Cleveland County Sanitary District Raw Water Supply Intake (just below Knob Creek) to a point 1.0 mile upstream of Shelby downstream Raw Water Intake		16.5 FW Miles	WS-IV
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
⊙ 9-50-15	Hinton Creek	From source to First Broad River		13.2 FW Miles	C
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2005	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2005	
⊙ 9-50-19-(2.5)	Knob Creek (Big Knob Creek)	From a point 0.3 mile downstream of Adams Creek to a point 0.6 mile upstream of mouth		8.3 FW Miles	WS-IV
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2005	
⊙ 9-50-19-(4)	Knob Creek (Big Knob Creek)	From a point 0.6 mile upstream of mouth to First Broad River		0.5 FW Miles	WS-IV;CA
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
⊙ 9-50-4	North Fork First Broad River	From source to First Broad River		7.5 FW Miles	C;Tr,ORW
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2005	
1	Ecological/biological Integrity FishCom	Excellent Bioclassification	Aquatic Life	2005	
⊙ 9-50-12	Wards Creek	From source to First Broad River		10.2 FW Miles	C
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2005	
Broad River Basin			Lower First Broad River Watershed		0305010507
⊙ 9-50-32	Beaverdam Creek	From source to First Broad River		9.5 FW Miles	C
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2005	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2005	
⊙ 9-50-29	Brushy Creek	From source to First Broad River		14.7 FW Miles	C
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2005	
1	Ecological/biological Integrity FishCom	Excellent Bioclassification	Aquatic Life	2005	
⊙ 9-50-(28)	First Broad River	From Shelby Downstream Raw Water Intake to Broad River		14.6 FW Miles	C
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	

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Broad River Basin **Lower First Broad River Watershed 0305010507**

9-50-30	Hickory Creek	From source to First Broad River		9.6 FW Miles	C
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2005	
9-50-32-3	Sugar Branch	From source to Beaverdam Creek		2.5 FW Miles	C
3a	Fecal Coliform (recreation)	Potential Standards Violation	Recreation	2008	
5	Low pH	Standard Violation	Aquatic Life	2008	2010

Broad River Basin **Buffalo Creek Watershed 0305010508**

9-53-8	Beason Creek	From source to Buffalo Creek		10.3 FW Miles	C
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
9-53-(1)	Buffalo Creek	From source to a point 0.3 mile upstream of Long Creek		20.8 FW Miles	WS-III
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
9-53-(5)	Buffalo Creek	From dam at Kings Mountain Reservoir to North Carolina-South Carolina State Line		9.7 FW Miles	C
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2005	
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
5	Turbidity	Standard Violation	Aquatic Life	2008	2008
9-53-(2.9)	Buffalo Creek (Kings Mountain Reservoir)	From a point 0.3 mile upstream of Long Creek to dam at Kings Mountain Reservoir, Buffalo Creek		0.8 FW Miles	WS-III;CA
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
9-53-11	Lick Branch	From source to Buffalo Creek		3.3 FW Miles	C
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2000	
9-53-6	Muddy Fork	From source to Buffalo Creek		13.9 FW Miles	C
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2005	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	

Broad River Basin **Kings Creek Watershed 0305010509**

9-54	Kings Creek	From source to North Carolina-South Carolina State Line		5.5 FW Miles	C
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	

Broad River Basin **North Pacolet River Watershed 0305010512**

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Broad River Basin	North Pacolet River Watershed	0305010512
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9-55-1-(1)	North Pacolet River	From source to North Carolina Highway # 108 Bridge at Lynn	10.5 FW Miles	C;Tr
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2005
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2005

9-55-1-(10)	North Pacolet River	From North Carolina Highway # 108 at Lynn to North Carolina-South Carolina State Line	7.4 FW Miles	C
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2005

Broad River Basin	Cherokee Creek-Broad River Watershed	0305010516
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9-(40.5)	BROAD RIVER	From a point approximately 0.3 mile downstream of Cane Creek to a point 0.5 mile upstream of the Town of Shelby proposed water supply intake.	9.8 FW Miles	WS-IV;CA
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2005
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008
5	High Water Temperature	Standard Violation	Aquatic Life	2008 2010