

NC 2010 Integrated Report

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

NC 2010 Integrated Report

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
Roanoke River Basin		Grassy Creek-John H Kerr Reservoir Watershed		0301010208	
Roanoke River Basin		John H Kerr Reservoir-Roanoke River Subbasin		03010102	
Roanoke River Basin		Grassy Creek-John H Kerr Reservoir Watershed		0301010208	
23-2-(1)	Grassy Creek (Grass Creek)	From source to John H. Kerr Reservoir at Granville County SR 1431	18.3 FW Miles	C	
3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2004	
23-2-7-(1)	Johnson Creek	From source to Little Johnson Creek	5.3 FW Miles	C	
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2004	
23-2-3	Mountain Creek	From source to Grassy Creek	8.1 FW Miles	C	
3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2004	
23-2-5	Rattlesnake Creek	From source to Grassy Creek	2.3 FW Miles	C	
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2005	
Roanoke River Basin		Butcher Creek-John H Kerr Reservoir Watershed		0301010209	
23-4	Island Creek (Island Creek Reservoir)	From source to North Carolina-Virginia State Line, including that portion of Island Creek Reservoir in North Carolina below normal operating elevation	6.4 FW Miles	C	
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2004	
23-4-3	Little Island Creek (Vance County)	From source to Island Creek Reservoir, Island Creek	11.8 FW Miles	C	
3a	Ecological/biological Integrity FishCom	Not Rated Bioclassification	Aquatic Life	2004	
Roanoke River Basin		Nutbush Creek-John H Kerr Reservoir Watershed		0301010210	
23-8-(1)a	Nutbush Creek (Including Nutbush Creek Arm of John H. Kerr Reservoir below normal pool elevation)	From source to NC 39	1.7 FW Miles	C	
5	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	1994	1998

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Roanoke River Basin		Nutbush Creek-John H Kerr Reservoir Watershed			0301010210

- ⊙ 23-8-(1)b Nutbush Creek From NC 39 to SR 1317 1.6 FW Miles C
 (Including Nutbush
 Creek Arm of John H.
 Kerr Reservoir below
 normal pool
 elevation)

5	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	2004	1998
5	Ecological/biological Integrity FishCom	Fair Bioclassification	Aquatic Life	2004	1998
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	

- ⊙ 23-8-(2) Nutbush Creek Arm of John H. Kerr Reservoir (below normal pool elevation 300 feet MSL or as this elevation may be adjusted by the Corps of Engineers) From Crooked Run to North Carolina-Virginia State Line 9,690.1 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
Roanoke River Basin		Little Dan River-Dan River Watershed		0301010301	
Roanoke River Basin		Dan River Headwaters Subbasin		03010103	
Roanoke River Basin		Little Dan River-Dan River Watershed		0301010301	
22-2	Archies Creek	North Carolina portion	7.3 FW Miles	C;Tr	
1	Ecological/biological Integrity FishCom	Excellent Bioclassification	Aquatic Life	2004	
22-9	Big Creek	From source to Dan River	19.9 FW Miles	C;Tr	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
22-12-(2)b	Cascade Creek	From dam at swimming lake to Dan River	4.3 FW Miles	B	
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2005	
22-12-(2)a	Cascade Creek (Hanging Rock Lake)	From backwaters to dam at swimming lake	12.2 FW Acres	B	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
22-(1)a	DAN RIVER (North Carolina portion)	From North Carolina-Virginia State Line to Little Dan River	5.1 FW Miles	C;Tr	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
22-(1)b	DAN RIVER (North Carolina portion)	From Little Dan River to Peters Creek	11.6 FW Miles	C;Tr	
1	Ecological/biological Integrity Benthos	Excellent Bioclassification	Aquatic Life	2004	
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
3a	High Water Temperature	Potential Standards Violation	Aquatic Life	2008	
5	Turbidity	Standard Violation	Aquatic Life	2008	2008
22-5	Elk Creek	From North Carolina-Virginia State Line to Dan River	2.9 FW Miles	C;Tr	
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2004	
22-13-(2)	Indian Creek	From Window Falls to Dan River	2.7 FW Miles	C	
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2005	
22-18	Mill Creek	From source to Dan River	4.7 FW Miles	C	
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2005	
22-10	North Double Creek	From source to Dan River	14.0 FW Miles	C	
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2004	
22-6	Peters Creek	From North Carolina-Virginia State Line to Dan River	9.1 FW Miles	C;Tr	
1	Ecological/biological Integrity FishCom	Excellent Bioclassification	Aquatic Life	2004	

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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
Roanoke River Basin		Little Dan River-Dan River Watershed		0301010301	
22-11	South Double Creek	From source to Dan River	9.9 FW Miles	B	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
Roanoke River Basin		Town Fork Creek Watershed		0301010302	
22-25-1	Brushy Fork Creek	From source to Town Fork Creek	3.0 FW Miles	C	
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
22-25a	Town Fork Creek	From source to Timmons Cr.	8.0 FW Miles	C	
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
22-25b	Town Fork Creek	From Timmons Cr. to Dan River	18.0 FW Miles	C	
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
Roanoke River Basin		Belews Lake-Dan River Watershed		0301010303	
22-27-(7)	Belews Creek (including Belews Lake below elevation 725) (1)	From Southern Railroad Bridge to to a point 1.8 mile downstream of Forsyth-Stokes County Line	789.7 FW Acres	C	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
22-27-(7.5)	Belews Creek (including Belews Lake below elevation 725) (1)	From a point 1.8 mile downstream of the Forsyth-Stokes County Line to Dan River, excluding the Arm of Belews Lake described below which are classified "WS-IV&B"	1,283.8 FW Acres	WS-IV	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
22-27-(1.5)	Belews Creek (Kernersville Lake)	From a point 0.5 mile upstream of backwaters of Kernersville Lake to Town of Kernersville Water Supply Dam	46.1 FW Acres	WS-IV;CA	
3n	Chlorophyll a	Potential Standards Violation	Aquatic Life	2008	
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
22-29	Big Beaver Island Creek	From source to Dan River	15.2 FW Miles	C	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
22-(8)	DAN RIVER	From Big Creek to to a point 0.2 mile downstream of Town Fork Creek	25.9 FW Miles	WS-V	
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2004	

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Category	Parameter	Reason for Rating	Use Category	Collection Year	303(d)year
Roanoke River Basin			Belews Lake-Dan River Watershed	0301010303	

22-20-9	Lynn Branch (Lynn Creek)	From source to Snow Creek			3.1 FW Miles	C
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2005		
22-20-4	Raccoon Creek	From source to Snow Creek			3.4 FW Miles	C
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2005		
22-20	Snow Creek	From source to Dan River			18.9 FW Miles	C
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2004		
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004		
22-27-9-(4)	West Belews Creek (West Belews Creek Arm of of Belews Lake below elevation 725)	From a point 0.4 mile downstream of Powerplant to Belews Creek			582.4 FW Acres	WS-IV
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008		
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008		
22-21	Wood Benton Branch	From source to Dan River			3.7 FW Miles	C
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2005		
Roanoke River Basin		Mayo River Watershed			0301010304	
22-30-2-2	Crooked Creek (North Carolina portion)	From source to last crossing of North Carolina-Virginia State Line			8.5 FW Miles	C
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2007		
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008		
22-30-5	Hickory Creek	From source to Mayo River			4.0 FW Miles	C
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2006		
22-30-2-2-2	Little Crooked Creek	From source to Crooked Creek			4.7 FW Miles	C
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2008		
22-30-(1)	Mayo River	From North Carolina-Virginia State Line to a point 0.6 mile downstream of Hickory Creek			3.5 FW Miles	WS-V
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		
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008		

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Roanoke River Basin **Mayo River Watershed** **0301010304**

- 22-30-6-(2) **Pawpaw Creek** From a point 1.3 mile upstream of Rockingham County SR 1360 to Mayo R. **1.8 FW Miles** WS-IV

1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004
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Roanoke River Basin **Matrimony Creek-Dan River Watershed** **0301010305**

- 22-32-1 **Brushy Creek (West Prong Jacobs Creek)** From source to Jacobs Creek **4.3 FW Miles** C

1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2007
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- 22-(31.5)a **DAN RIVER** From a point 0.7 mile upstream of Jacobs Creek to subbasin 03-02-02/03 boundary **4.8 FW Miles** WS-IV

4t	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	2008
4t	Turbidity	Data Inconclusive	Aquatic Life	2008	2002
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	

- 22-(31.5)b **DAN RIVER** From 03-02-02 boundary to a point 0.8 mile downstream of Matrimony Creek **9.4 FW Miles** WS-IV

4t	Fecal Coliform (recreation)	Standard Violation	Recreation	2008	2008
4t	Turbidity	Data Inconclusive	Aquatic Life	2008	2002
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	

- 22-(38.5) **DAN RIVER** From a point 0.8 mile downstream of Matrimony Creek to Mill Branch (Town of Eden water supply intake) **0.6 FW Miles** WS-IV;CA

4t	Fecal Coliform (recreation)	Standard Violation	Recreation	2008	2008
5	Turbidity	Standard Violation	Aquatic Life	2008	2008

- 22-31 **Hogans Creek** From source to Dan River **12.7 FW Miles** C

1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004
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- 22-32-(3) **Jacobs Creek** From N.C. Hwy. 704 to Dan River **1.8 FW Miles** WS-IV

1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004
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- 22-38 **Matrimony Creek (North Carolina portion)** From source to Dan River **11.2 FW Miles** WS-IV

1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004
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Roanoke River Basin Matrimony Creek-Dan River Watershed 0301010305

- 22-30-(10) Mayo River From dam at Mayodan Water Supply Intake to Dan River 2.4 FW Miles C

1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	1999	
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- 22-34-(2) Rock House Creek From Rockingham County SR 2381 to Dan River 6.5 FW Miles WS-IV

1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2001	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	

Roanoke River Basin Lower Smith River Watershed 0301010308

- 22-40-(1) Smith River From North Carolina-Virginia State Line to a point 0.8 mile downstream of Rockingham County SR 1714 (Aiken Road) 2.8 FW Miles WS-IV

5	Copper	Standard Violation	Aquatic Life	2008	2008
4s	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	1999	2008
4t	Fecal Coliform (recreation)	Standard Violation	Recreation	2008	2008
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	

- 22-40-(2.5) Smith River From a point 0.8 mile downstream of Rockingham County SR 1714 (Aiken Road) to Fieldcrest Mills Water Supply Intake 0.5 FW Miles WS-IV;CA

5	Copper	Standard Violation	Aquatic Life	2008	2008
4s	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	1999	2008
4t	Fecal Coliform (recreation)	Standard Violation	Recreation	2008	2008
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	

Roanoke River Basin Cascade Creek-Dan River Watershed 0301010309

- 22-48-4 Birch Fork From source to Wolf Island Creek 8.4 FW Miles C

1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2007	
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- 22-(39)a DAN RIVER (North Carolina portion) From Mill Branch to NC/VA crossing downstream of Wolf Island Creek 13.8 FW Miles C

4t	Fecal Coliform (recreation)	Standard Violation	Recreation	2008	2008
5	Turbidity	Standard Violation	Aquatic Life	2008	2008

- 22-40-(3) Smith River From Fieldcrest Mills Water Supply Intake to Dan River 1.8 FW Miles C

5	Copper	Standard Violation	Aquatic Life	2008	2008
4s	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	1999	2008
4t	Fecal Coliform (recreation)	Standard Violation	Recreation	2008	2008

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Category	Parameter	Reason for Rating	Use Category	Collection Year	303(d)year
Roanoke River Basin			Cascade Creek-Dan River Watershed 0301010309		
22-48	Wolf Island Creek	From source to Dan River	21.8	FW Miles	C
1	Ecological/biological Integrity FishCom	Excellent Bioclassification	Aquatic Life	2004	

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Category	Parameter	Reason for Rating	Use Category	Collection Year	303(d)year
Roanoke River Basin		Hogans Creek-Dan River Watershed		0301010401	
Roanoke River Basin		Dan River Subbasin		03010104	
Roanoke River Basin		Hogans Creek-Dan River Watershed		0301010401	
22-54	Cane Creek	From North Carolina-Virginia State Line to Dan River	0.8 FW Miles	C	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
22-(39)b	DAN RIVER (North Carolina portion)	From NC/VA crossing downstream of Wolf Island Creek to last crossing of North Carolina-Virginia State Line	9.6 FW Miles	C	
4t	Fecal Coliform (recreation)	Standard Violation	Recreation	2008	2008
5	Turbidity	Standard Violation	Aquatic Life	2008	2008
22-50	Hogans Creek	From source to Dan River	29.1 FW Miles	C	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
22-50-3	Jones Creek (Lake Wade)	From source to Hogans Creek	7.6 FW Miles	C	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
22-51	Moon Creek (Wildwood Lake)	From source to Dan River	17.0 FW Miles	C	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
22-52	Rattlesnake Creek	From source to Dan River	2.7 FW Miles	C	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
Roanoke River Basin		Country Line Creek Watershed		0301010402	
22-56-(1)	Country Line Creek	From source to a point 0.5 mile upstream of mouth of Nats Fork	10.5 FW Miles	WS-II;HQW	
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
22-56-(3.7)	Country Line Creek	From dam at Farmer Lake to Dan River	24.5 FW Miles	C	
1	Ecological/biological Integrity Benthos	Good Bioclassification	Aquatic Life	2004	
22-56-(3.5)a	Country Line Creek (Farmers Lake)	Upper reservoir- From a point 0.5 mile upstream of mouth Nats Fork to dam at Farmer Lake (Town of Yanceyville water supply intake located 1.8 mile upstream of N.C. Hwy. 62)	90.7 FW Acres	WS-II;HQW,CA	
5	Chlorophyll a	Standard Violation	Aquatic Life	2008	2010
5	Turbidity	Standard Violation	Aquatic Life	2008	2010
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	

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Roanoke River Basin			Country Line Creek Watershed		0301010402
22-56-(3.5)b	Country Line Creek (Farmers Lake)	Lower reservoir-From a point 0.5 mile upstream of mouth Nats Fork to dam at Farmer Lake (Town of Yanceyville water supply intake located 1.8 mile upstream of N.C. Hwy. 62)	271.1	FW Acres	WS-II;HQW,CA
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Water Supply	2008	
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
Roanoke River Basin			Hyco Lake Watershed		0301010405
22-58-1	Hyco Creek (North Hyco Creek)	From source to Hyco Lake, Hyco River	16.8	FW Miles	C
3a	Ecological/biological Integrity FishCom	Not Rated Bioclassification	Aquatic Life	2004	
22-58-(0.5)	Hyco River, including Hyco Lake below elevation 410	From source in Hyco Lake to dam of Hyco Lake, including tributary arms below elevation 410	4,297.9	FW Acres	WS-V,B
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
22-58-4-(3)	South Hyco Creek	From a point 0.6 mile downstream of Double Creek to Hyco Lake, Hyco River (City of Roxboro water supply intake)	0.7	FW Miles	WS-II;HQW,CA
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
22-58-4-(1.4)	South Hyco Creek (Lake Roxboro)	From backwaters of Lake Roxboro to dam at Lake Roxboro	493.6	FW Acres	WS-II,B;HQW
3n	Chlorophyll a	Potential Standards Violation	Aquatic Life	2008	
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
Roanoke River Basin			Hyco River Watershed		0301010406
22-58-(9.5)	Hyco River	From dam of Hyco Lake to North Carolina-Virginia State Line, including all portions in North Carolina	6.8	FW Miles	C
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
22-58-12-6a	Marlowe Creek	From source to Mitchell Creek	6.6	FW Miles	C
5	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	2004	1998

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Roanoke River Basin Hyco River Watershed 0301010406

22-58-12-6b	Marlowe Creek	From Mithcell Creek to Storys Creek		4.5 FW Miles	C
5	Copper	Standard Violation	Aquatic Life	2008	2008
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2004	
1	Ecological/biological Integrity FishCom	Good-Fair Bioclassification	Aquatic Life	2004	
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
5	Zinc	Standard Violation	Aquatic Life	2008	2008
22-58-15-(3.5)	Mayo Creek (Maho Creek)	From dam of Mayo Reservoir to North Carolina-Virginia State Line		0.5 FW Miles	C
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
22-58-15-(0.5)	Mayo Creek (Maho Creek) (Mayo Reservoir)	From source to dam of Mayo Reservoir		2,613.8 FW Acres	WS-V
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
22-58-12-(1.5)	Storys Creek [Roxboro City Lake (Lake Issac Walton)]	From a point 0.9 mile downstream of N.C. Hwy. 57 to Roxboro City Lake Dam		189.5 FW Acres	WS-II;HQP,CA
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
Roanoke River Basin Aarons Creek-Dan River Watershed 0301010407					
22-59	Aarons Creek	From source to North Carolina-Virginia State Line		8.6 FW Miles	C
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	

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Category	Parameter	Reason for Rating	Use Category	Collection Year	303(d)year
Roanoke River Basin		Upper Lake Gaston-Roanoke River Watershed		0301010602	
Roanoke River Basin		Lake Gaston-Roanoke River Subbasin		03010106	
Roanoke River Basin		Upper Lake Gaston-Roanoke River Watershed		0301010602	
23-10-2	Newmans Creek (Little Deep Creek)	From source to Smith Creek	6.1 FW Miles	C	
5	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	2004	2008
23-10a	Smith Creek	From source to Cabin Branch	6.1 FW Miles	C	
4s	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	2004	2002
5	Low Dissolved Oxygen	Standard Violation	Aquatic Life	2008	1998
23-10b	Smith Creek	From Cabin Branch to SR1208	1.6 FW Miles	C	
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2004	
5	Low Dissolved Oxygen	Standard Violation	Aquatic Life	2008	1998
23-10c	Smith Creek	From SR1208 to North Carolina-Virginia State Line	3.0 FW Miles	C	
4s	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	2004	
4s	Ecological/biological Integrity FishCom	Fair Bioclassification	Aquatic Life	2004	
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
5	Low Dissolved Oxygen	Standard Violation	Aquatic Life	2008	1998
23-10-3-2	Terrapin Creek	From source to Blue Mud Creek	5.0 FW Miles	C	
3a	Ecological/biological Integrity Benthos	Not Rated Bioclassification	Aquatic Life	2007	
Roanoke River Basin		Middle Lake Gaston-Roanoke River Watershed		0301010603	
23-14	Jordan Creek	From source to Lake Gaston, Roanoke River	2.6 FW Miles	C	
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2006	
23-13	Sixpound Creek	From source to Lake Gaston, Roanoke River	6.3 FW Miles	C	
1	Ecological/biological Integrity Benthos	Good-Fair Bioclassification	Aquatic Life	2004	
Roanoke River Basin		Lower Lake Gaston-Roanoke River Watershed		0301010604	
23-24-(1)	Deep Creek	From source to a point 0.5 mile upstream of mouth	11.6 FW Miles	WS-IV	
1	Ecological/biological Integrity Benthos	Natural Bioclassification	Aquatic Life	2004	
1	Ecological/biological Integrity FishCom	Good Bioclassification	Aquatic Life	2004	
23-19	Little Stonehouse Creek	From source to Lake Gaston, Roanoke River	2.8 FW Miles	C	
1	Ecological/biological Integrity Benthos	Not Impaired Bioclassification	Aquatic Life	2006	

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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
Roanoke River Basin			Lower Lake Gaston-Roanoke River Watershed		0301010604

- 23-(22.5) **ROANOKE RIVER**
 (Lake Gaston below normal full power pool elevation 200 MSL and Roanoke Rapids Lake below normal full power pool elevation 132 feet MSL)
- From a line across Lake Gaston 0.5 mile upstream of Lake Gaston Dam to Roanoke Rapids Dam
- 4,185.0 FW Acres** WS-IV,B;CA

3t	Aquatic Weeds	Data Inconclusive	Aquatic Life	2000	2000
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	

- 23-(12) **ROANOKE RIVER**
 (Lake Gaston below normal full power pool elevation 200 MSL)
- From North Carolina-Virginia State Line to a line across Lake Gaston following the Warren-Northampton County Line
- 7,964.8 FW Acres** WS-V,B

1	Water Quality Standards Water Supply	No Criteria Exceeded	Water Supply	2008	
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- 23-(20.2) **ROANOKE RIVER**
 (Lake Gaston below normal full power pool elevation 200 MSL)
- From a line across Lake Gaston following the Warren-Northampton County Line to a line across Lake Gaston 0.5 mile upstream of Lake Gaston Dam
- 3,974.4 FW Acres** WS-IV,B

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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AU_Number	AU_Name	AU_Description	LengthArea	AU_Units	Classification
Category	Parameter	Reason for Rating	Use Category	Collection Year	303(d)year
Roanoke River Basin		Quankey Creek-Roanoke River Watershed		0301010701	
Roanoke River Basin		Roanoke River Subbasin		03010107	
Roanoke River Basin		Quankey Creek-Roanoke River Watershed		0301010701	
23-29	Chockoyotte Creek	From source to Roanoke River	10.6 FW Miles	C	
1	Ecological/biological Integrity Benthos	Moderate Bioclassification	Aquatic Life	2004	
3a	Ecological/biological Integrity FishCom	Not Rated Bioclassification	Aquatic Life	2004	
23-30-1	Little Quankey Creek	From source to Quankey Creek	9.5 FW Miles	C	
1	Ecological/biological Integrity Benthos	Moderate Bioclassification	Aquatic Life	2004	
23-30a	Quankey Creek	From source to Little Quankey Creek	16.0 FW Miles	C	
1	Ecological/biological Integrity Benthos	Natural Bioclassification	Aquatic Life	2004	
23-30b	Quankey Creek	From Little Quankey Creek to Roanoke River	3.4 FW Miles	C	
5	Ecological/biological Integrity Benthos	Fair Bioclassification	Aquatic Life	1999	1998
23-(25.5)	ROANOKE RIVER	From a point 0.6 mile upstream of N.C. Hwy. 48 bridge to a line across river 50 feet downstream of N.C. Hwy. 48 (City of Roanoke Rapids, Town of Weldon water supply intakes)	1.7 FW Miles	WS-IV;CA	
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	
23-(26)a	ROANOKE RIVER	From a line across the river 50 ft downstream of NC Hwy 48 bridge to the confluence of Sandy Run Cr at the Bertie Northampton Halifax Co. line	50.1 FW Miles	C	
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
Roanoke River Basin		Conoconnara Swamp-Roanoke River Watershed		0301010702	
23-33	Conoconnara Swamp	From source to Roanoke River	17.7 FW Miles	C	
1	Ecological/biological Integrity Benthos	Moderate Bioclassification	Aquatic Life	2004	
Roanoke River Basin		Kehukee Swamp-Roanoke River Watershed		0301010703	
23-42	Kehukee Swamp (White Millpond)	From source to Roanoke River	10.6 FW Miles	C	
1	Ecological/biological Integrity Benthos	Moderate Bioclassification	Aquatic Life	2004	

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Category	Parameter	Reason for Rating	Use Category	Collection Year	303(d)year
Roanoke River Basin		Kehukee Swamp-Roanoke River Watershed		0301010703	
23-(26)b1	ROANOKE RIVER	From the confluence of Sandy Run Cr at the Bertie/Northampton/Halifax Co. line to subbasin 8/9 boundary	24.8 FW Miles	C	
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
Roanoke River Basin		Sweetwater Creek Watershed		0301010704	
23-50-3	Hardison Mill Creek	From source to Sweetwater Creek	19.9 FW Miles	C	
1	Ecological/biological Integrity Benthos	Moderate Bioclassification	Aquatic Life	2004	
Roanoke River Basin		Conoho Creek-Roanoke River Watershed		0301010705	
23-49a	Conoho Creek	From source to Martin Co 1417 below Beaverdam Cr	24.5 FW Miles	C	
1	Ecological/biological Integrity Benthos	Moderate Bioclassification	Aquatic Life	2004	
23-49b	Conoho Creek	From Martin Co 1417 to Roanoke River	7.0 FW Miles	C	
1	Ecological/biological Integrity Benthos	Natural Bioclassification	Aquatic Life	2004	
23-(26)b2	ROANOKE RIVER	From subbasin 8/9 boundary to Hwy 17 Bridge in Williamston	28.9 FW Miles	C	
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	
23-(26)b3	ROANOKE RIVER	From Hwy 17 bridge at Williamston to the 18 mile marker at Jamesville	17.8 FW Miles	C	
5	Low Dissolved Oxygen	Standard Violation	Aquatic Life	2006	2008
Roanoke River Basin		Headwaters Cashie River Watershed		0301010707	
24-2-(1)a	Cashie River	From source to Bertie County SR 1225	15.2 FW Miles	C;Sw	
1	Ecological/biological Integrity Benthos	Moderate 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	
Roanoke River Basin		Outlet Cashie River Watershed		0301010708	
24-2-(1)b	Cashie River	From Bertie County SR 1225 to a point 1 mile upstream from Bertie Co. SR 1500	30.1 FW Miles	C;Sw	
1	Ecological/biological Integrity Benthos	Natural Bioclassification	Aquatic Life	2004	
24-2-6	Hoggard Mill Creek	From source to Cashie River	7.4 FW Miles	C;Sw	
1	Ecological/biological Integrity Benthos	Moderate Bioclassification	Aquatic Life	2004	
24-2-7	Roquist Creek	From source to Cashie River	26.3 FW Miles	C;Sw	
1	Ecological/biological Integrity Benthos	Natural Bioclassification	Aquatic Life	2004	
Roanoke River Basin		Plymouth-Roanoke River Watershed		0301010709	

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Roanoke River Basin			Plymouth-Roanoke River Watershed		0301010709

⊙ **23-(53)** **ROANOKE RIVER** From 18 mile marker at Jamesville to Albemarle Sound (Batchelor Bay) **18.3 FW Miles** C;Sw

4t	Dioxin	Standard Violation	Fish Consumption	2008	2000
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
1	Water Quality Standards Aquatic Life	No Criteria Exceeded	Aquatic Life	2008	

⊙ **23-55** **Welch Creek** From source to Roanoke River **13.3 FW Miles** C;Sw

4t	Dioxin	Standard Violation	Fish Consumption	1996	2000
1	Fecal Coliform (recreation)	No Criteria Exceeded	Recreation	2008	
5	Low pH	Standard Violation	Aquatic Life	2008	2002