

SUMMARY OF POTENTIAL AGRICULTURAL CONTRIBUTIONS TO WATER QUALITY IMPAIRMENTS, AS IDENTIFIED IN N.C. BASINWIDE WATER QUALITY PLANS

USDA-Natural Resources Conservation Service
Raleigh, North Carolina
November 2002

Purpose of This Document

This document presents a summary of the potential agricultural contributions to the streams of North Carolina that are listed as impaired for aquatic life and secondary recreation, **as identified** in the State's current Basinwide Water Quality Plans. The purposes of this document are:

- (1) to identify waters that, according to the USDA nutrient management policy (USDA NRCS, General Manual 190, April 1999) have been identified as having impaired water quality associated with nitrogen or phosphorus from agricultural sources. [This policy requires an assessment for the potential loss of nutrients be conducted in these areas as part of fertilizer-only nutrient management plans developed for USDA program purposes.]
- (2) to provide additional resource information regarding state water quality issues for NRCS and others to use in carrying out voluntary conservation programs and local natural resource initiatives.

Interpreting the Basinwide Water Quality Plans can be a subjective and time-consuming process. The intent of this reference is to assist technical field staff to better utilize the existing assessments and associated plans as they relate to agriculture. Because of the varying formats and generalized nature of the Basinwide Plans, it should be noted that a certain level of judgement was used to compile these lists. Likewise, the identification of "agricultural nutrients" is not explicit in the Basinwide Plans, but rather interpreted based on problem parameters identified such as low dissolved oxygen, algal blooms, or chlorophyll a, along with an intensive agricultural land use or animal operations in the drainage area. In this regard, these lists represent a "potential" agricultural contribution, rather than a "measured" one. Generally, if agriculture is not referenced in the Basinwide Plan for the stream in question, it was not included.

This document contains three lists as follows:

LIST 1. IMPAIRED STREAMS/ESTUARIES Where Applied Agricultural Nutrients Are Identified as a Likely Contributor to the Impairment. (List 1 is a subset of List 2.) The streams and estuary areas in this list are those that the Basinwide Water Quality Plan identifies as impaired (have a rating of NS, PS, or I) and identifies agricultural nutrients as one of the potential contributing sources. **Only List 1 shall be used to identify areas requiring the use of the Phosphorus Loss Assessment Tool (PLAT) for fertilizer-only plans as specified in the NRCS Field Office Technical Guide Standard 590 (Nutrient Management).** Accordingly, areas that list livestock in the stream as the potential source are not included, as PLAT is not applicable to those situations.

LIST 2. IMPAIRED STREAMS/ESTUARIES Where Agriculture-Related Sources Are Identified as a Potential Contributor to the Impairment (e.g. Applied Nutrients, Sediment, Pesticides, Livestock in Creek, Etc.) The streams and estuaries in this list are those that the Basinwide

Water Quality Plan identifies as impaired (have a rating of NS, PS, or I) and references agriculture as one of the potential contributors.

LIST 3. WATERS THAT ARE NOT IMPAIRED, But Where Agricultural Sources Are Identified as a Potential Contributor To Water Quality Concerns. The streams and estuaries in this list are those that the Basinwide Water Quality Plan does not rate as impaired (each has a rating of FS, ST, NR, or S), but lists agriculture as one of the potential contributors to water quality concerns for the area. This list should not be considered comprehensive.

Data Sources

These lists were generated by reviewing the Basinwide Plans, looking for references that identified agriculture as one of the likely sources contributing to the identified problem parameter(s). The following Basin Reports were utilized:

- Yadkin-Pee Dee Basinwide Water Quality Management Plan, May 1988
- Chowan River Basinwide Water Quality Plan, May 2002 Draft
- Neuse River Basinwide Water Quality Plan, May 2002 Draft
- Roanoke River Basinwide Water Quality Plan, July 2001
- Tar-Pamlico Basinwide Water Quality Plan, July 1999
- Cape Fear Basinwide Water Quality Plan, July 2000
- Catawba River Basinwide Water Quality Plan, December 1999
- French Broad Basinwide Water Quality Plan, May 2000

These lists were originally compiled by NRCS, and reviewed by the Interagency Nutrient Management Committee and the DENR-Division of Water Quality basin coordinators.

The use support ratings listed in the attached tables are taken directly from the Basinwide Plans, and are defined as follows: FS=Fully Supporting, ST=Support Threatened, PS=Partially Supporting, NS=Not Supporting, NR=Not Rated. In some Basinwide Plans, the support ratings are defined as S=Supporting, or I=Impaired. Ratings of FS, ST, or S are not considered impaired.

Cautions

Users of these lists should note that the lack of an "impaired" stream in an area should not lead one to conclude there are no significant contributions from that area to a downstream water quality problem or impairment. This document is intended only to cite the contents of the Basinwide Water Quality Plans, and should not be used as a substitute for consulting the Basinwide Plans to understand the overall water quality issues in a Basin or when more definitive information is needed. There are several Basins or portions of basins that are designated as nutrient sensitive waters (NSWs) in North Carolina, and a number of downstream estuarine areas are also listed as impaired. Similarly, this document does not in any way evaluate the accuracy of the Basinwide Plans as to whether the impairment actually exists or the potential source of the impairment identified.

LIST 1. IMPAIRED STREAMS/ESTUARIES Where Agricultural Nutrients are Identified as a Potential Contributor to Impairment (List 1 is a subset of List 2)

Basin	Name	County	Description	Miles/ (Acres)	Rating
Roanoke River Basin	Town Fork Creek	Stokes	From source to Timmons Creek	8.0	NS
	Smith Creek	Warren	From source to North Carolina-Virginia State Line	10.4	PS
Chowan River Basin	Wiccacon River (Hoggard Swamp)	Herford	From source to Chowan River	22.5	PS
Tar-Pamlico River Basin	Chlcod Creek	Pitt	From source to Tar River	13	NS
	Kennedy Creek		From source to Tar River	0.8	PS
	Goose Creek Estuary	Beaufort	Area G1 – Tar Pamlico Basinwide WQ Plan	(300 ac)	
		Beaufort	Area G11 – Tar Pamlico Basinwide WQ Plan	(3455 ac)	PS
	Lower Pungo River Estuary	Hyde Pamlico	Area G2 – Tar Pamlico Basinwide WQ Plan	(500 ac)	PS
		Beaufort Hyde	Area G8 – Tar Pamlico Basinwide WQ Plan	(714 ac)	PS
	Long Shoal Estuary	Hyde	Area G5 – Tar Pamlico Basinwide WQ Plan	(2054)	PS
Cape Fear River Basin	Rocky River	Chatham	From source to Rocky River Reservoir	10.6	PS
	Marys Creek	Alamance	From source to Haw River	9.7	PS
Neuse River Basin	Clayroot Swamp	Pitt/Craven	From source to Swift Creek	12.9	I
	Swift Creek	Craven	From Clayroot Swamp to mouth of Bear Branch	14.4	I
		Craven	From mouth of Bear Branch to Neuse River	8.0	I
	Neuse River Estuary	Craven Pamlico	From subbasin 030408-030410 boundary to a line across Neuse River from Johnson Point to McCotter Point	(5838 ac)	I
		Craven Pamlico	From a line across Neuse River from Johnson Point to McCotter Point to a line across Neuse River from Wilkinson Point to Cherry Point	(24493 ac)	I
	Trent River Estuary	Jones	From boundary between subbasins 030410 and 030411 to mouth of Brice Creek	(510 ac)	I
		Jones	From mouth of Brice Creek to Neuse River	(512 ac)	I
	Yadkin-Pee Dee River Basin	Brown Creek	Anson	From NC74 to Pee Dee	22.0
Crooked Creek		Union	From source to Rocky River	13.1	PS
Richardson Creek		Union	From SR1006 to SR1649	5.6	PS
Lanes Creek		Union	From SR1929 Union Co to Marshville Water Supply Dam	9.9	NS
		Union Anson	From Marshville WS Dam to Rocky River	26.9	PS

LIST 2. IMPAIRED STREAMS Where Agriculture-Related Sources Are Identified as a Potential Contributor To Impairment (e.g. Fecal, Cattle in Creeks, Sediment, Pesticides, Applied Nutrients, Etc.)

Basin	Name	County	Description	Miles/ (Acres)	Rating
Catawba River Basin	Zacks Fork Creek	Caldwell	From source to Lower Creek	8.2	PS
	Lower Creek	Caldwell/ Burke	From Caldwell Co SR 1143 to 0.7 mile downstream of Bristol Creek	6.6	PS
		Catawba	From 0.7 mil downstream of Bristol Creek to Rhodhiss Lake, Catawba	1.3	PS
	Long Creek	Mecklenburg	From source to 0.6 mile downstream of Mecklenburg Co SR 2074	5.1	PS
		Mecklenburg	From 0.6 mile downstream of Mecklenburg Co SR 2074 to 0.4 mile upstream of Mecklenburg Co SR 1606	8.4	PS
		Catawba	From 0.4 mile upstream of Mecklenburg Co SR 1606 to Lake Wylie, Catawba	1.8	PS
	Clark Creek	Catawba	From SR 2012 to SR-1274, Catawba	4.4	PS
		Catawba	From SR-1274 to 0.9 mi ab Walker Creek	4	PS
Catawba Creek	Gaston	From SR 2439 to Lake Wylie	4.5	NS	
Roanoke River Basin	Town Fork Creek	Stokes	From source to Timmons Creek	8.0	NS
	Smith Creek	Warren	From source to North Carolina-Virginia State Line	10.4	PS
	Dan River	Rockingham	From a point 0.7 mile upstream of Jacobs Creek to a point 0.8 mile downstream of Matrimony Creek	14.2	PS
	Nutbush Creek	Vance	From source to Crooked Run	4.6	PS
French Broad River Basin	Mud Creek	Henderson	From source to Byers Creek	15.2	NS
	Bat Fork	Henderson	From source to Johnson Drainage Ditch	4.8	PS
	Clear Creek	Henderson	From source to Lewis Creek	11.7	PS
		Henderson	From Lewis Creek to Mud Creek	6.3	NS
	Mud Creek	Henderson	From Byers Creek to French Broad River	3.2	PS
	Hominy Creek	Buncombe	From source to NC 151, Buncombe	9.7	FS
		Buncombe	From NC 151 to NC 112	3.1	PS
		Buncombe	From NC 112 to French Broad River	8.7	PS
	South Hominy Creek	Buncombe	From source to Hominy Creek	6.4	NS
	Mills River	Henderson	From SR 1337 to 0.5 mile upstream of NC Hwy 191	1.4	NS
		Henderson	From .5 upstream NC Hwy 191 to City o Hendersonville WS, located 0.1 mile upstream of NC 191	0.6	NS
Henderson		From City of Hendersonville WS to 0.7 mil. Upstream of Mills River	1.9	NS	
Little Ivy Creek	Madison	From SR 1547 to Ivy Creek	2.6	PS	
Richland Creek	Haywood	From Lake Junaluska Dam to Pigeon River	2.4	PS	

List 2 continued

Basin	Name	County	Description	Miles/ Acres	Rating	
Cape Fear River Basin	Rocky River	Chatham	From source to Rocky River Reservoir	10.6	PS	
	Marys Creek	Alamance	From source to Haw River	9.7	PS	
	Haw River	Guilford	Guilford	From source to SR 2109, Guilford	7.7	PS
		Guilford	Rockingham	From SR 2109 to SR 2426, Guilford	20.1	PS
		Alamance	Alamance	From NC 87 to NC 49	19.2	PS
	Troublesome Creek	Rockingham	From source to Rockingham County SR 2423	15.6	PS	
	Crane Creek (Crains Creek)	Moore	From source to Lake Surf	28.3	PS	
Neuse River Basin	Clayroot Swamp	Pitt/Craven	From source to Swift Creek	12.9	I	
	Swift Creek	Craven	From Clayroot Swamp to mouth of Bear Branch	14.4	I	
		Craven	From mouth of Bear Branch to Neuse River	8.0	I	
	Neuse River Estuary	Craven Pamlico	From subbasin 030408-030410 boundary to a line across Neuse River from Johnson Point to McCotter Point	(5838 ac)	I	
		Craven Pamlico	From a line across Neuse River from Johnson Point to McCotter Point to a line across Neuse River from Wilkinson Point to Cherry Point	(24493 ac)	I	
	Nahunta Swamp	Wayne & Greene	From source to Contentnea Creek	27.1	I	
	Little Contentnea Creek	Pitt & Greene	From source to Contentnea Creek	34.9	I	
	Core Creek	Craven	From Grape Creek to Neuse River	21.8	I	
	Trent River Estuary	Jones	From boundary between subbasins 030410 and 030411 to mouth of Brice Creek	(510 ac)	I	
		Jones	From mouth of Brice Creek to Neuse River	(512 ac)	I	
Tar-Pamlico River Basin	Chlcod Creek	Pitt	From source to Tar River	13	NS	
	Kennedy Creek		From source to Tar River	0.8	PS	
	Goose Creek Estuary	Beaufort	Area G1 – Tar Pamlico Basinwide WQ Plan	(300 ac)		
	Pamlico River Estuary	Beaufort	Area G11 – Tar Pamlico Basinwide WQ Plan	(3455 ac)	PS	
		Hyde Pamlico	Area G2 – Tar Pamlico Basinwide WQ Plan	(500 ac)	PS	
	Lower Pungo River Estuary	Beaufort Hyde	Area G8 – Tar Pamlico Basinwide WQ Plan	(714 ac)	PS	
	Long Shoal Estuary	Hyde	Area G5 – Tar Pamlico Basinwide WQ Plan	(2054)	PS	
	Conetoe Creek	Pitt	From source to SR 1404	15.3	PS	
Chowan River Basin	Wiccacon River (Hoggard Swamp)	Herford	From source to Chowan River	22.5	PS	

List 2 continued

Basin	Name	County	Description	Miles/ (Acres)	Rating
Yadkin-Pee Dee River Basin	Brown Creek	Anson	From NC74 to Pee Dee	22.0	PS
	Crooked Creek	Union	From source to Rocky River	13.1	PS
	Richardson Creek	Union	From SR1006 to SR1649	5.6	PS
	Lanes Creek	Union	From SR1929 Union Co to Marshville Water Supply Dam	9.9	NS
		Union/Anson	From Marshville WS Dam to Rocky River	26.9	PS
	Fourth Creek	Davidson	See Basinwide WQ Plan	7.7	PS
	Goose Creek	Union	See Basinwide WQ Plan	17.0	NS
	North Fork Jones Creek	Anson	See Basinwide WQ Plan	8.4	PS
	Sourth Fork Jones Creek	Anson	See Basinwide WQ Plan	0.8	PS

LIST 3. WATERS THAT ARE NOT IMPAIRED, But Where Agricultural-Related Sources Are Identified as a Potential Contributor To Water Quality Concerns

Basin	Name	County	Description	Miles/ (Acres)	Rating
Catawba River Basin	Crooked Creek	Catawba	From source to Catawba	15.6	FS
	Mackey Creek	McDowell	From source to Marion Water Supply	2.4	FS
		McDowell	From Marion Water Supply to Laurel Fork	0.3	FS
		McDowell	From Laurel Fork Creek to US 70	2.4	FS
	Paddy Creek	Burke	From 2.5 miles above NC Hwy 126 to Hwy 126	2.5	ST
	Muddy Creek	Burke	From source to Catawba	4.6	ST
	North Muddy Creek	McDowell	From source to .3 miles upstream from Thompsons	14.7	ST
		McDowell	From .3 miles upstream of Thompsons Fk to Muddy Creek	2.2	ST
	South Muddy Creek	McDowell	From source to .5 mile upstream of Hoppers Creek	11.4	ST
		McDowell	From 0.5 mile upstream of Hoppers Creek to Muddy Creek	4.8	ST
	Silver Creek	Burke	From source to 1.3 miles downstream of Clear Creek	13.7	ST
		Burke	From 1.3 miles downstream of Clear Creek to Catawba River	3	ST
	Mulberry Creek	Caldwell	From Dam at Mulberry Beach to Johns	5.3	FS
	Lower Creek	Caldwell	From source to Zack's Fork	8.8	ST
	Husband Creek	Caldwell	From source to 0.5 mile upstream of Celia Creek	7.5	ST
		Caldwell	From 0.5 mile upstream of Celia Creek to Lower Creek	0.5	PS
	Gunpowder Creek	Caldwell	From 0.5 mile downstream of Caldwell Co. SR 1127 to 0.8 mile downstream of Bily Br.	8.2	ST
	Middle Little River	Alexander	From source to Lake Hickory	21.5	ST
	Duck Creek	Alexander	From source to N.C. Highway 90	7.8	ST
		Alexander	From N. C. Highway 90 to Middle	4.6	ST
	Lower Little River	Alexander	From source to Lookout Shoals Lake	24	FS
	Muddy Fork	Alexander	From source to ab Schneider Mills	5.5	ST
		Alexander	From ab Schneider Mills to Lower Little River	1.6	ST
	Elk Shoal Creek	Alexander	Front source to Guys Br.	4.2	ST
		Alexander	From Guys Br. To Lookout Shoals Lake	4.8	ST
	Dutchmans Creek	Gaston	From source to 0.8 miles downstream of Taylors Creek	7.2	FS
	Leepers Creek	Lincoln/ Gaston	From source to 0.8 mile upstream of mouth	9.1	FS
		Lincoln/ Gaston	From 0.8 miles upstream of mouth of Dutchmans Creek	0.8	FS
	Killian Creek	Lincoln	From source to 1.2 miles upstream of mouth	14.7	FS
		Lincoln	From 1.2 miles upstream of mouth to Dutchmans Creek	1.2	FS

List 3 - continued

Basin	Name	County	Description	Miles/ (Acres)	Rating
Catawba River Basin	Henry Fork	Catawba	From Laurel Creek (NC18) Burke Co to SR 1124	10.2	FS
	Indian Creek	Lincoln	From source to 0.5 mile upstream of Mill Creek	13.9	ST
		Lincoln	From 0.5 mile upstream of Mill Creek to 0.4 mile upstream of mouth of Lick Fork	0.5	ST
		Lincoln	From 0.4 mile upstream of mouth of Lick Fork to 0.3 mile upstream of Lincoln Co. SR 1169	2.4	ST
		Lincoln	From 0.3 mile upstream of Lincoln Co. SR 1169 to South Fork Catawba R.	5.5	ST
	Long Creek	Gaston	From SR 145 to NC 275	0.7	ST
		Gaston	Branch	4.5	ST
	Waxhaw Creek	Union	From source to NC/SC	16	ST
Roanoke River Basin	North Double Creek	Stokes	From source to Dan River	14.0	FS
	Snow Creek	Stokes	From source to Dan River	18.9	FS
	Mayo River	Rockingham	From North Carolina-Virginia State Line to a point 0.6 mile downstream of Hickory Creek	3.6	FS
		Rockingham	From a point 0.6 mile downstream of Hickory Creek to a point 0.9 mile downstream of Avalon Dam	10.8	FS
		Rockingham	From a point 0.9 mile downstream from Avalon Dam to dam at Mayodan Water Supply Intake	0.5	FS
		Rockingham	From dam at Mayodan Water Supply Intake to Dan River	2.4	FS
	Hyco Creek (North Hyco Creek)	Caswell	From source to Hyco Lake, Hyco River	16.8	FS
	Nutbush Creek Arm of John H. Kerr Reservoir	Vance	From Crooked Run to North Carolina-Virginia State Line		FS
	Conoconnara Swamp	Northampton	From source to Roanoke River	17.71	NR
	Conoho Creek	Martin	From source to Martin Co 1417 below Beaverdam Creek	24.5	NR
	Hardison Mill Creek	Martin	From source to Sweetwater Creek	19.9	NR
	Deep Run Swamp	Martin	From source to Gardners Creek	9.4	NR
	Cashie River	Bertie	From source to Bertie County SR 1225	15.2	NR
	Roquist Creek	Bertie	From source to Cashie River	26.3	NR
	Wading Place Creek	Bertie	From source to Cashie River	7.4	NR
Chowan River Basin	Wiccacon River (Hoggard Swamp)	Herford	From source to Chowan River	22.5	PS
	Potecasi Creek	Northampton Hertford	From source to Meherrin River	42.46	NR

List 3 continued

Basin	Name	County	Description	Miles/ (Acres)	Rating
French Broad River Basin	Little River	Transylvania	From Cascade Lake Dam to French Broad River	4.8	FS
	Laurel Fork	Henderson	From source to Clear Creek	2.3	FS
	Puncheon Camp Creek	Henderson	From source to Clear Creek	2.6	FS
	Cane Creek	Henderson	From Ashworth Creek to French Broad	12.4	FS
	Ross Creek	Buncombe	From source to I-240	2.6	FS
	Newfound Creek	Buncombe	From SR 1296 to SR 1297	1.3	FS
		Buncombe	From SR 1297 to SR 1378	2.3	FS
		Buncombe	SR 1378 to French Broad River	6.6	FS
	Hominy Creek	Buncombe	From source to NC 151, Buncombe	9.7	FS
	Boylston Creek	Henderson	From source to 0.3 mile ab Murray Br	6.5	FS
		Henderson	From 0.3 mi ab Murray Branch to French Broad River	5.6	FS
	Ivy Creek (River)	Buncombe	From source to Adkins Branch	7.7	FS
		Madison	From Adkins Br to 0.6 mile downstream of Adkins Branch (Mars Hill WS)	0.6	FS
		Madison	From 0.6 miles downstream of Adkins Branch to French Broad River	10.2	FS
	Little Ivy Creek	Madison	From source to SR 1547	2.1	FS
	California Creek	Madison	From SR 1349 to Little Ivy Creek	3.8	FS
	Gabriel Creek	Madison	From NC 213 to Ivy Creek	7.2	FS
	Richland Creek	Haywood	Source to Business US 23	8.0	FS
		Haywood	From Business US 23 to Lake Junaluska Dam	6.7	FS
Jonathans Creek	Haywood	From 0.4 miles downstream of Fie Creek to Pigeon River	14.5	FS	
Fines Creek	Haywood	From source to Pigeon River	10.4	FS	
Big Rock Creek	Mitchell	From source to North Toe River	14.6	FS	
Cape Fear River Basin	Haw River	Guilford/ Rockingham	From SR 2426, Guilford, to NC 87	14.9	FS
	Troublesome Creek (Lake Reidsville)	Rockingham	From Rockingham County SR 2423 to dam to Lake Reidsville (City of Reidsville water supply intake)	5.8	FS
	Troublesome Creek	Rockingham	From dam to Lake Reidsville to Haw River	1.9	FS
	Reedy Fork	Guilford	From source to a point 0.4 mile downstream of Moores Creek	11.9	FS
	Stony Creek (Lake Burlington)	Caswell	From source to Buttermilk Creek	6.9	FS
	Jordan Creek	Alamance	From source to a point 0.7 mile upstream of mouth	10.2	FS
		Alamance	From a point 0.7 mile upstream of mouth to Stony Creek	0.7	FS
	Haw Creek	Alamance/ Orange	From N.C. Hwy. 54 to Haw River	4.0	FS
	Big Alamance Creek (Alamance Creek)	Guilford	From source to a point 2.4 miles downstream of Guilford County SR 3045	16.8	FS
	Little Alamance Creek	Guilford	From source to a point 0.3 mile downstream of Guilford County SR 3073	15.3	FS

List 3 continued

Basin	Name	County	Description	Miles/ (Acres)	Rating
Cape Fear River Basin		Guilford	From a point 0.3 mile downstream of Guilford County SR 3073 to Lake Mackintosh, Big Alamance Creek	3.6	FS
	Stinking Quarter Creek	Alamance	From source to Big Alamance Creek	4.6	FS
	Cane Creek	Orange	From source to a point 0.4 mile upstream of Turkey Hill Creek	4.2	FS
		Orange	From a point 0.4 mile upstream of Turkey Creek to dam at Cane Creek Reservoir (located 0.5 mile north of N.C. Hwy. 54)	0.7	FS
		Orange	From dam at Cane Creek Reservoir to Haw River	4.6	FS
	Cane Creek (South side of Haw River)	Alamance	From source to Haw River	26.0	FS
	Collins Creek	Orange	From source to a point 0.8 mile downstream of Orange County SR 1005	8.1	FS
	Dry Creek	Chatham	From source to a point 0.3 mile downstream of Chatham County SR 1506	3.2	FS
		Chatham	From a point 0.3 mile downstream of Chatham County SR 1506 to Haw River	9.7	FS
	Pokeberry Creek	Chatham	From source to Haw River	7.8	FS
	Parkers Creek	Harnett	From source to Cape Fear River	7.1	FS
	West Fork Deep River	Guilford	From source to a point 0.3 mile downstream of Guilford County SR 1850	5.2	FS
	West Fork Deep River (Oak Hollow Reservoir)	Guilford	From a point 0.3 mile downstream of Guilford County SR 1850 to dam at Oak Hollow Reservoir	3.1	FS
	Deep River	Guilford/ Randolph	From SR 1921 (Randolph) to Randleman dam (located 1.6 mi ab US 220 bus)	7.4	FS
	Muddy Creek	Randolph	From source to a point 0.5 mile upstream of mouth	5.6	FS
		Randolph	From a point 0.5 mile upstream of mouth to Randleman Reservoir, Deep River	0.5	FS
	Polecat Creek	Randolph/ Guilford	From source to a point 0.4 mile downstream of Randolph County SR 2116	13.7	FS
		Randolph/ Guilford	From point 0.4 mile downstream of Randolph County SR 2116 to dam at Randleman water supply reservoir	2.2	FS
		Randolph/ Guilford	From dam at Randleman's water supply to Deep River	0.9	FS
	Richland Creek	Randolph	From source to Deep River	15.0	FS
	Brush Creek	Randolph	From Little Brush Creek to Deep River	5.2	FS
	Flat Creek	Randolph	From source to Deep Rier	9.0	FS
	Fork Creek	Randolph	From source to Deep River	15.5	FS
Tick Creek	Chatham	From source to Rocky River	11.9	FS	

List 3 continued

Basin	Name	County	Description	Miles/ (Acres)	Rating
Cape Fear River Basin	Barbeque Creek	Harnett	From source to Upper Little River	10.9	FS
	Rockfish Creek	Hoke	From mouth of Puppy Creek to dam at Old Brower Mill Pond	14.6	FS
	Turnbull Creek	Bladen	From source to Cape Fear River	25.8	FS
	Hammond Creek	Bladen	From source to Cape Fear River	12.4	FS
	Great Coharie Creek	Sampson	From source to BlackRiver	46.1	FS
	Six Runs Creek	Sampson	From source to Quewiffle Swamp	26.0	FS
Neuse River Basin	Tuckahoe	Jones	From source to Trent River	6.5	NR
	Musselshoal Creek	Onslow	From source to Trent Rier	5.8	NR
Tar-Pamlico River Basin	Tar River	Granville	From source to SR 1138	15.1	ST
		Granville	From SR 1138 to a point 0.6 mile upstream of Oxford Water Supply	4.6	ST
	Swift Creek	Franklin/Nash	Source to Tar River/SR-1310, Hillardston, Nash Co.	2.8	S
	Cokey Swamp	Edgecombe	From source to Town Creek	13.8	S
	Fishing Creek	Warren	From source to ab Warrenton WWTP, Warren	14.2	S
		Warren	From above Warrenton WWTP to Shocco Cr	23.3	S
	Shocco Creek	Warren	From source to Fishing Creek	30.7	ST
	Little Fishing Creek	Halifax	From source to Fishing Creek	39.2	S
	Fishing Creek	Halifax	From Little Fishing Cr to 0.6 mi upstream of Enfield Raw Water Supply Intake	14.8	S
		Halifax	From 0.5 mi upstream of Enfield Raw Water Supply Intake to Enfield Water Sup. In	0.6	S
	Beaverdam Swamp	Halifax	From source to Marsh Swamp	14.7	S
	Fishing Creek	Edgecombe	From 1.7 mi downstream of Beech Sw to Tar River	15.1	S
Yadkin-Pee Dee River Basin	Ararat River	Surry	See Basinwide WQ Plan	2.4	ST
	Long Creek	Stanly	See Basinwide WQ Plan	1.0	ST
	Richardson Creek	Anson	See Basinwide WQ Plan	19.9	ST
	Cedar Creek	Davie	See Basinwide WQ Plan	0.5	S
	Third Creek	Iredell	See Basinwide WQ Plan	4.8	ST
Abbotts Creek	Davidson	See Basinwide WQ Plan	8.5	ST	