Appendix 3: Station Information

Station list, including location, indicators measured, and sampling frequency

NC DWQ AMS Station description and sampling schedule

Key to Field Measurement Codes:	Key to Sampling Methods:	Key to sampling frequency:	
Sur: Surface; measured at 0.1m depth only	G: Grab sample at 0.1m	(M): Once monthly	(Q1): sampled January, April, July, October
Pr1: Profile 1; measured at 0.1m and at every meter to bottom	Ph: Composite sample of photic zone (2 x Secchi depth)	(W): Once weekly	(Q2): sampled February, May, August, November
Pr2: Profile 2; measured at 0.1m, mid-depth (half depth to bottom), and bottom only	F: Field filtered through a 0.45um pore filter	(EOW): Every other week	(Q3): sampled March, June, September, December

								FIELD				SAMPLES									QUARTERLY SAMPLES		
Station number	Location	Latitude	Longitude	County	Region	Index	Stream classification	DO, pH, Spec. cond, water temp	Field observations	Secchi depth	Salinity	Chloride	Chlorophyll *a*	Color	Fecal coliform	Fluoride	Nutrients	Oil and grease	Sulfate	Turbidity	TSS	Total hardness	Dissolved Metals
A1520000	BROAD RIV AT SR 1181 NR ROCK SPRINGS	35.39366	-82.09476	RUTHERFORD	ARO	9-(22)	C	Sur(M)	(M)					G(M)	G(M)					G(M)	G(Q2)	G(Q2)	
A2700000	SECOND BROAD RIV AT SR 1538 NR LOGAN	35.40424	-81.87201	RUTHERFORD	ARO	9-41-(10.5)	WS-IV	Sur(M)	(M)					G(M)	G(M)					G(M)	G(Q2)	G(Q2)	
A4400000	SECOND BROAD RIV AT US 221 ALT AT CLIFFSIDE	35.23872	-81.76667	RUTHERFORD	ARO	9-41-(24.7)	WS-IV	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
A4700000	BROAD RIV AT NC 150 NR BOILING SPRINGS	35.20131	-81.66553	CLEVELAND	MRO	9-(40.5)	WS-IV	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
A4800000	FIRST BROAD RIV AT SR 1530 NR CASAR	35.49331	-81.68133	CLEVELAND	MRO	9-50-(1)	WS-V Tr	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
A6400000	FIRST BROAD RIV AT SR 1140 NR EARL	35.21776	-81.60773	CLEVELAND	MRO	9-50-(28)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
A6450000	SUGAR BRANCH AT NC 150 NR BOILING SPRINGS	35.24938	-81.62025	CLEVELAND	MRO	9-50-32-3	C	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
A8600000	BUFFALO CRK AT NC 198 NR GROVER	35.17076	-81.51679	CLEVELAND	MRO	9-53-(5)	C	Sur(M)	(M)					G(M)	G(M)					G(M)	G(Q1)	G(Q1)	
B0040000	HAW RIV AT SR 2109 NR OAK RIDGE	36.21326	-79.9562	GUILFORD	WSRO	16-(1)	C NSW	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B0160000	LITTLE TROUBLESOME CRK AT SR 2600 NR REIDSVILLE	36.28255	-79.6116	ROCKINGHAM	WSRO	16-7	C NSW	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
B0210000	HAW RIV AT SR 1561 NR ALTAMAHAW	36.17864	-79.50415	ALAMANCE	WSRO	16-(1)	C NSW	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B0540000	N BUFFALO CRK AT SR 2832 NR GREENSBORO	36.11994	-79.70818	GUILFORD	WSRO	16-11-14-1	C NSW	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B0750000	S BUFFALO CRK AT SR 2821 AT MCLEANSVILLE	36.11278	-79.67181	GUILFORD	WSRO	16-11-14-2	C NSW	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q1)	G(Q1)	GF(Q1)
B0840000	REEDY FORK AT NC 87 AT OSSIPEE	36.17299	-79.51026	ALAMANCE	WSRO	16-11-(9)	C NSW	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B1095000	JORDAN CRK AT SR 1754 NR UNION RIDGE	36.18898	-79.39484	ALAMANCE	WSRO	16-14-6-(0.5)	WS-II HQW NSW	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
B1140000	HAW RIV AT NC 49N AT HAW RIVER	36.08889	-79.36822	ALAMANCE	WSRO	16-(1)	C NSW	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B1260000	TOWN BRANCH AT SR 2109 NR GRAHAM	36.04734	-79.36906	ALAMANCE	WSRO	16-17	C NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B1960000	BIG ALAMANCE CRK AT SR 2116 AT SWEPSONSVILLE	36.01774	-79.36703	ALAMANCE	WSRO	16-19-(4.5)	C NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B1980000	HAW RIV AT SR 2171 AT SAXAPAHAW	35.9461	-79.3221	ALAMANCE	WSRO	16-(1)	C NSW	Sur(M)	(M)					G(M)	G(M)					G(M)	G(Q1)	G(Q1)	
B2100000	HAW RIV AT SR 1713 NR BYNUM	35.77165	-79.14497	CHATHAM	RRO	16-(28.5)	WS-IV NSW	Sur(EOW)	(EOW)					G(M)	G(M)		G(EOW)			G(M)	G(EOW)	G(Q3)	
B2450000	ROBESON CRK AT BOAT ACCESS OFF SR 1943 NR HANKS	35.70315	-79.10027	CHATHAM	RRO	16-(37.5)	WS-IV B NSW CA	Sur(M)	(M)				G(M)		G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
B3040000	NEW HOPE CRK AT SR 1107 NR BLANDS	35.88474	-78.96563	DURHAM	RRO	16-41-1-(11.5)	WS-IV NSW	Sur(EOW)	(EOW)						G(M)		G(EOW)			G(M)	G(EOW)	G(Q3)	
B3660000	NORTHEAST CRK AT SR 1100 NR NELSON	35.87243	-78.91322	DURHAM	RRO	16-41-1-17-(0.7)	WS-IV NSW	Sur(EOW)	(EOW)						G(M)		G(EOW)			G(M)	G(EOW)	G(Q3)	
B3900000	MORGAN CRK AT SR 1726 NR FARRINGTON	35.86115	-79.01	CHATHAM	RRO	16-41-2-(5.5)	WS-IV NSW	Sur(EOW)	(EOW)						G(M)		G(EOW)			G(M)	G(EOW)	G(Q3)	
B4050000	HAW RIV BELOW JORDAN DAM NR MONCURE	35.65342	-79.06728	CHATHAM	RRO	16-(42)	WS-IV	Sur(M)	(M)						G(M)					G(M)	G(Q3)	G(Q3)	
B4210000	W FORK DEEP RIV AT SR 1818 NR HIGH POINT	36.04658	-80.01407	GUILFORD	WSRO	17-3-(0.7)	WS-IV CA*	Sur(M)	(M)				G(M)	G(M)	G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
B4240000	E FORK DEEP RIV AT SR 1541 NR HIGH POINT	36.03727	-79.94576	GUILFORD	WSRO	17-2-(0.3)	WS-IV*	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
B4890000	HASKETT CRK AT SR 2128 NR CENTRAL FALLS	35.76792	-79.77898	RANDOLPH	WSRO	17-12	C	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
B5190000	DEEP RIV AT SR 1456 NR HIGH FALLS	35.50049	-79.58135	MOORE	FRO	17-(10.5)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B5480000	BEAR CRK AT NC 705 AT ROBBINS	35.44073	-79.58857	MOORE	FRO	17-26-(6)	C	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
B5575000	DEEP RIV AT NC 42 AT CARBONTON	35.52004	-79.34854	CHATHAM	RRO	17-(32.5)	WS-IV HQW	Sur(M)	(M)				G(M)		G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
B6000000	ROCKY RIV AT NC 902 NR PITTSBORO	35.67865	-79.28983	CHATHAM	RRO	17-43-(8)	WS-III CA	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
B6040300	DEEP RIV AT SR 1011 OLD US 1 NR MONCURE	35.61759	-79.09119	CHATHAM	RRO	17-(43.5)	WS-IV	Sur(M)	(M)						G(M)					G(M)	G(Q3)	G(Q3)	
B6370000	CAPE FEAR RIV AT US 401 AT LILLINGTON	35.40653	-78.8135	HARNETT	FRO	18-(16.7)	WS-IV	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
B6830000	UPPER LITTLE RIV AT SR 2021 NR LILLINGTON	35.32656	-78.72378	HARNETT	FRO	18-20-(24.5)	WS-IV	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
B7245000	LOWER LITTLE RIV AT SR 2023 NR LOBELIA	35.20371	-79.21592	MOORE	FRO	18-23-(10.7)	WS-III HQW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B7280000	LOWER LITTLE RIV AT SR 1451 AT MANCHESTER	35.19323	-78.98561	CUMBERLAND	FRO	18-23-(24)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
B7600000	CAPE FEAR RIV AT NC 24 AT FAYETTEVILLE	35.0499	-78.85745	CUMBERLAND	FRO	18-(26)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
B7700000	ROCKFISH CRK AT SR 1432 NR RAEFORD	34.96826	-79.10959	HOKE	FRO	18-31-(18)	B	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
B8224000	ROCKFISH CRK AT SR 2350 NR CEDAR CREEK	34.96101	-78.89911	CUMBERLAND	FRO	18-31-(23)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
B8300000	CAPE FEAR RIV AT WO HUSKE LOCK NR TAR HEEL	34.83487	-78.82263	BLADEN	FRO	18-(26)	C	Sur(M)	(M)														
B8321000	TURNBULL CRK AT SR 1509 NR JOHNSONTOWN	34.70839	-78.60078	BLADEN	FRO	18-46	C	Sur(M)	(M)						G(M)					G(M)	G(Q3)	G(Q3)	
B8340000	CAPE FEAR RIV AT LOCK 2 NR ELIZABETHTOWN	34.62636	-78.57678	BLADEN	FRO	18-(26)	C	Sur(M)	(M)														
B8350000	CAPE FEAR RIV AT LOCK 1 NR KELLY	34.40376	-78.29316	BLADEN	WIRO	18-(59)	WS-IV Sw	Pr2(M)	(M)	(M)	Pr2(M)				G(M)		Ph(M)			G(M)	G(Q1)	G(Q1)	
B8441000	LIVINGSTON CRK AT WRIGHT CORPORATION WALKWAY	34.33527	-78.20111	COLUMBUS	WIRO	18-64	C Sw	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
B8450000	CAPE FEAR RIV AT NEILS EDDY LANDING NR ACME	34.35547	-78.17942	COLUMBUS	WIRO	18-(63)	C Sw	Pr2(M)	(M)	(M)	Pr2(M)				G(M)					G(M)	G(Q1)	G(Q1)	
B8490000	LITTLE COHARIE CRK AT SR 1414 MINNIE HALL RD NR	35.05553	-78.53095	SAMPSON	FRO	18-68-1-17	C Sw	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
B8545000	LITTLE COHARIE CRK AT SR 1240 NR ROSEBORO	34.92735	-78.46568	SAMPSON	FRO	18-68-1-17	C Sw	Sur(M)	(M)						G(M)					G(M)	G(Q3)	G(Q3)	
B8580000	GREAT COHARIE CRK AT SR 1311 NR CLINTON	35.02483	-78.3717	SAMPSON	FRO	18-68-1	C Sw	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
B8725000	SIX RUNS CRK AT SR 1960 NR TAYLORS BRIDGE	34.852	-78.2448	SAMPSON	FRO	18-68-2-(11.5)	C Sw ORW +	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
B8750000	BLACK RIV AT NC 411 NR TOMAHAWK	34.7544	-78.2891	SAMPSON	FRO	18-68	C Sw ORW +	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
B8919000	SOUTH RIV AT SR 1503 NR PARKERSBURG	34.81218	-78.45684	BLADEN	FRO	18-68-12-(8.5)	C Sw ORW +	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
B9013000	BLACK RIV AT RACCOON ISLAND NR HUGGINS	34.37201	-78.07212	PENDER	WIRO	18-68	C Sw ORW +	Pr2(M)	(M)	(M)	Pr2(M)				G(M)		Ph(M)			G(M)	G(Q1)	G(Q1)	
B9020000	CAPE FEAR RIV DNS HALE PT LANDING NR PHOENIX	34.31808	-78.02639	BRUNSWICK	WIRO	18-(63)	C Sw	Pr2(M)	(M)	(M)	Pr2(M)				G(M)		Ph(M)			G(M)	G(Q1)	G(Q1)	

NC DWQ AMS Station description and sampling schedule

Key to Field Measurement Codes:	Key to Sampling Methods:	Key to sampling frequency:	
Sur: Surface; measured at 0.1m depth only	G: Grab sample at 0.1m	(M): Once monthly	(Q1): sampled January, April, July, October
Pr1: Profile 1; measured at 0.1m and at every meter to bottom	Ph: Composite sample of photic zone (2 x Secchi depth)	(W): Once weekly	(Q2): sampled February, May, August, November
Pr2: Profile 2; measured at 0.1m, mid-depth (half depth to bottom), and bottom only	F: Field filtered through a 0.45um pore filter	(EOW): Every other week	(Q3): sampled March, June, September, December

								FIELD				SAMPLES									QUARTERLY SAMPLES		
Station number	Location	Latitude	Longitude	County	Region	Index	Stream classification	DO, pH, Spec. cond, water temp	Field observations	Secchi depth	Salinity	Chloride	Chlorophyll *a*	Color	Fecal coliform	Fluoride	Nutrients	Oil and grease	Sulfate	Turbidity	TSS	Total hardness	Dissolved Metals
B9050000	CAPE FEAR RIV AT NAVASSA	34.26118	-77.98907	BRUNSWICK	WIRO	18-(71)	SC	Pr2(M)	(M)	(M)	Pr2(M)				G(M)					G(M)	G(Q1)		
B9080000	NORTHEAST CAPE FEAR RIV AT SR 1937 NR MT OLIVE	35.1914	-78.01759	WAYNE	WIRO	18-74-(1)	C Sw	Sur(M)	(M)		Sur(M)	G(M)											
B9090000	NORTHEAST CAPE FEAR RIV AT NC 403 NR WILLIAMS	35.17839	-77.98072	DUPLIN	WIRO	18-74-(1)	C Sw	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B9190500	GOSHEN SWAMP AT SR 1004 NR WESTBROOK CROSSROAD	35.0535	-77.9474	DUPLIN	WIRO	18-74-19	C Sw	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B9196000	NORTHEAST CAPE FEAR RIV AT SR 1961 AT HALLSVILLE	34.90589	-77.84088	DUPLIN	WIRO	18-74-(1)	C Sw	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B9470000	ROCKFISH CRK AT I 40 AT WALLACE	34.71913	-77.94622	DUPLIN	WIRO	18-74-29	C Sw	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B9480000	NORTHEAST CAPE FEAR RIV AT SR 1318 NR WATHA	34.64594	-77.87246	PENDER	WIRO	18-74-(29.5)	C Sw	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B9520000	BURGAW CRK AT US 117 AT BURGAW	34.56375	-77.92202	PENDER	WIRO	18-74-39	C Sw	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B9550000	LILLINGTON CRK AT SR 1520 NR STAG PARK	34.50844	-77.81537	PENDER	WIRO	18-74-42	C Sw	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
B9580000	NORTHEAST CAPE FEAR RIV AT US 117 AT CASTLE HAYNE	34.36366	-77.89645	NEW HANOVER	WIRO	18-74-(47.5)	B Sw	Sur(M)	(M)		Sur(M)				G(M)					G(M)	G(Q1)	G(Q1)	
B9740000	NORTHEAST CAPE FEAR RIV AT NC 133 AT WILMINGTON	34.25183	-77.95104	NEW HANOVER	WIRO	18-74-(61)	SC Sw	Pr2(M)	(M)	(M)	Pr2(M)				G(M)		Ph(M)			G(M)	G(Q1)		
B9800000	CAPE FEAR RIV AT CM 61 AT WILMINGTON	34.19431	-77.95679	NEW HANOVER	WIRO	18-(71)	SC	Pr2(M)	(M)	(M)	Pr2(M)				G(M)					G(M)	G(Q1)		
B9820000	CAPE FEAR RIV AT CM 56 NR WILMINGTON	34.14745	-77.95263	NEW HANOVER	WIRO	18-(71)	SC	Pr2(M)	(M)	(M)	Pr2(M)				G(M)		Ph(M)			G(M)	G(Q1)		
C0250000	CATAWBA RIV AT SR 1221 NR PLEASANT GARDENS	35.68597	-82.06075	MCDOWELL	ARO	11-(8)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
C0550000	N FORK CATAWBA RIV AT SR 1552 NR HANKINS	35.73832	-81.98572	MCDOWELL	ARO	11-24-(13)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
C1000000	LINVILLE RIV AT NC 126 NR NEBO	35.79539	-81.89013	BURKE	ARO	11-29-(19)	B HQW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
C1230000	CATAWBA RIV AT SR 1304 NR CALVIN	35.73983	-81.72436	BURKE	ARO	11-(32.7)	WS-IV	Sur(M)	(M)						G(M)					G(M)	G(Q3)	G(Q3)	
C1370000	WILSON CRK AT US 221 NR GRAGG	36.09695	-81.80743	AVERY	ARO	11-38-34	B Tr ORW	Sur(M)	(M)						G(M)		G(M)		G(M)	G(M)	G(Q3)	G(Q3)	
C1750000	LOWER CRK AT SR 1501 NR MORGANTON MARION	35.82512	-81.63587	BURKE	ARO	11-39-(6.5)	WS-IV	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
C2818000	LOWER LITTLE RIV AT SR 1313 NR ALL HEALING SPRINGS	35.94585	-81.23698	ALEXANDER	MRO	11-69-(0.5)	C	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
C3860000	DUTCHMANS CRK AT SR 1918 AT MOUNTAIN ISLAND	35.33646	-81.01328	GASTON	MRO	11-119-(0.5)	WS-IV	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
C3900000	CATAWBA RIV AT NC 27 NR THRIFT	35.29818	-81.00323	MECKLENBURG	MRO	11-(117)	WS-IV CA	Sur(M)	(M)	(M)			G(M)		G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
C4040000	LONG CRK AT SR 2042 NR PAW CREEK	35.32846	-80.90962	MECKLENBURG	MRO	11-120-(2.5)	WS-IV	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
C4300000	HENRY FORK RIV AT SR 1124 NR HENRY RIVER	35.68483	-81.40346	CATAWBA	MRO	11-129-1-(12.5)	C	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
C4360000	HENRY FORK RIV AT SR 1143 NR BROOKFORD	35.65832	-81.30838	CATAWBA	MRO	11-129-1-(12.5)	C	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
C4370000	JACOB FORK AT SR 1924 AT RAMSEY	35.59055	-81.56712	BURKE	ARO	11-129-2-(4)	WS-III ORW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
C4380000	S FORK CATAWBA RIV AT NC 10 NR STARTOWN	35.63311	-81.30531	CATAWBA	MRO	11-129-(0.5)	WS-IV	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
C4800000	CLARK CRK AT SR 1008 GROVE ST AT LINCOLNTON	35.47532	-81.26719	LINCOLN	MRO	11-129-5-(9.5)	WS-IV	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
C5170000	INDIAN CRK AT SR 1252 NR LABORATORY	35.4228	-81.2592	LINCOLN	MRO	11-129-8-(6.5)	WS-IV	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
C5900000	LONG CRK AT SR 1456 NR BESSEMER CITY	35.30518	-81.23264	GASTON	MRO	11-129-16-(4)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
C6500000	S FORK CATAWBA RIV AT NC 7 AT MCADENVILLE	35.26014	-81.0739	GASTON	MRO	11-129-(15.5)	WS-V	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
C7000000	S FORK CATAWBA RIV AT SR 2524 NR SOUTH BELMONT	35.16666	-81.03825	GASTON	MRO	11-(123.5)	WS-V B	Sur(M)	(M)	(M)					G(M)					G(M)	G(Q3)	G(Q3)	
C7400000	CATAWBA CRK AT SR 2302 AT SC STATE LINE	35.15135	-81.05824	GASTON	MRO	11-(123.5)	WS-V B	Sur(M)	(M)	(M)					G(M)					G(M)	G(Q3)	G(Q3)	
C8660000	CROWDERS CRK AT SC 564 RIDGE RD NR BOWLING GREEN	35.14374	-81.15046	YORK	MRO		FW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
C8896500	IRWIN CRK AT IRWIN CRK WWTP NR CHARLOTTE	35.19801	-80.90453	MECKLENBURG	MRO	11-137-1	C	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
C9050000	SUGAR CRK AT NC 51 AT PINEVILLE	35.09067	-80.89962	MECKLENBURG	MRO	11-137	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
C9210000	LITTLE SUGAR CRK AT NC 51 AT PINEVILLE	35.08502	-80.88218	MECKLENBURG	MRO	11-137-8	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
C9370000	MCALPINE CRK AT SR 3356 SARDIS RD NR CHARLOTTE	35.13725	-80.76817	MECKLENBURG	MRO	11-137-9	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
C9680000	MCALPINE CRK AT SC SR 2964 NR CAMP COX SC	35.04101	-80.89162	LANCASTER	MRO		FW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
C9790000	SUGAR CRK AT SC 160 NR FORT MILL SC	35.00592	-80.90221	YORK	MRO		FW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
C9819500	TWELVE MILE CRK AT NC 16 NR WAXHAW	34.95225	-80.75581	UNION	MRO	11-138	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
D0000050	NOTTAWAY RIV AT US 258 NR RIVERDALE VA	36.56683	-76.94646	SOUTHAMPTON	EMT		II Estuarine	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q2)	G(Q2)	
D0001800	BLACKWATER RIV .5 MI UPS MOUTH NR WYANOKE	36.55118	-76.91711	GATES	EMT	25	B NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)	G(Q3)	
D0010000	CHOWAN RIV NR RIDDICKSVILLE	36.53201	-76.92096	HERTFORD	EMT	25	B NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)	G(Q3)	
D4150000	POTECASI CRK AT NC 11 NR UNION	36.37121	-77.02591	HERTFORD	EMT	25-4-8	C NSW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
D5000000	MEHERRIN RIV AT SR 1175 PARKERS FERRY NR COMO	36.43653	-76.95332	HERTFORD	EMT	25-4-(5)	B NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q2)	G(Q2)	
D6250000	CHOWAN RIV AT US 13 AT WINTON	36.40263	-76.93434	HERTFORD	EMT	25	B NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q1)	G(Q1)	GF(Q1)
D8356200	CHOWAN RIV AT CM 16 NR GATESVILLE	36.3236	-76.73354	GATES	EMT	25	B NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q2)	G(Q2)	
D8950000	CHOWAN RIV AT CM 7 AT COLERAIN	36.20983	-76.72677	CHOWAN	EMT	25	B NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q1)	G(Q1)	
D9490000	CHOWAN RIV AT US 17 AT EDENHOUSE	36.0476	-76.69611	BERTIE	EMT	25	B NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q2)	G(Q2)	
D999500C	ALBEMARLE SOUND NR EDENTON MID CHANNEL	35.99002	-76.6092	CHOWAN	EMT	26	B NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)	G(Q3)	
D999500N	ALBEMARLE SOUND NR EDENTON N SHORE	36.04216	-76.61279	CHOWAN	EMT	26-1	C NSW	Pr1(M)	(M)	(M)	Pr1(M)				G(M)		Ph(M)			G(M)	G(Q1)	G(Q1)	
D999500S	ALBEMARLE SOUND NR EDENTON S SHORE	35.94793	-76.60793	CHOWAN	EMT	30	SB	Pr1(M)	(M)	(M)	Pr1(M)				G(M)		Ph(M)			G(M)	G(Q2)		
E0150000	FRENCH BROAD RIV AT US 178 AT ROSMAN	35.142	-82.82401	TRANSYLVANIA	ARO	6-(1)	B Tr	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	

NC DWQ AMS Station description and sampling schedule

Key to Field Measurement Codes:	Key to Sampling Methods:	Key to sampling frequency:	
Sur: Surface; measured at 0.1m depth only	G: Grab sample at 0.1m	(M): Once monthly	(Q1): sampled January, April, July, October
Pr1: Profile 1; measured at 0.1m and at every meter to bottom	Ph: Composite sample of photic zone (2 x Secchi depth)	(W): Once weekly	(Q2): sampled February, May, August, November
Pr2: Profile 2; measured at 0.1m, mid-depth (half depth to bottom), and bottom only	F: Field filtered through a 0.45um pore filter	(EOW): Every other week	(Q3): sampled March, June, September, December

								FIELD				SAMPLES									QUARTERLY SAMPLES		
Station number	Location	Latitude	Longitude	County	Region	Index	Stream classification	DO, pH, Spec. cond, water temp	Field observations	Secchi depth	Salinity	Chloride	Chlorophyll *a*	Color	Fecal coliform	Fluoride	Nutrients	Oil and grease	Sulfate	Turbidity	TSS	Total hardness	Dissolved Metals
E0850000	DAVIDSON RIV AT US 64 NR BREVARD	35.273	-82.706	TRANSYLVANIA	ARO	6-34-(15.5)	WS-V B Tr	Sur(M)	(M)						G(M)					G(M)	G(Q3)	G(Q3)	
E1270000	FRENCH BROAD RIV AT SR 1503 AT BLANTYRE	35.29898	-82.62364	TRANSYLVANIA	ARO	6-(27)	B	Sur(M)	(M)						G(M)					G(M)	G(Q3)	G(Q3)	
E1490000	MILLS RIV AT END OF SR 1337 NR MILLS RIVER	35.39884	-82.59884	HENDERSON	ARO	6-54-(1)	WS-II Tr HQW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
E2120000	MUD CRK AT SR 1508 NR BALFOUR	35.35267	-82.4642	HENDERSON	ARO	6-55	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
E2730000	FRENCH BROAD RIV AT SR 3495 GLENN BRIDGE RD NR	35.45486	-82.54743	BUNCOMBE	ARO	6-(54.5)	B	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
E3520000	HOMINY CRK AT SR 3413 NR ASHEVILLE	35.56422	-82.60777	BUNCOMBE	ARO	6-76	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
E4170000	SWANNANOA RIV AT US 25 BILTMORE AVE AT ASHEVILLE	35.56872	-82.54434	BUNCOMBE	ARO	6-78	C	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
E4280000	FRENCH BROAD RIV AT SR 1348 AT ASHEVILLE X REF	35.60943	-82.57841	BUNCOMBE	ARO	6-(54.5)	B	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
E4770000	FRENCH BROAD RIV AT SR 1634 AT ALEXANDER	35.708	-82.622	BUNCOMBE	ARO	6-(54.5)	B	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
E5120000	FRENCH BROAD RIV AT BLENNERHASSETT ISLAND AT	35.7963	-82.68447	MADISON	ARO	6-(54.5)	B	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
E5495000	PIGEON RIV AT NC 215 NR CANTON	35.522	-82.848	HAYWOOD	ARO	5-(6.5)	WS-III Tr CA	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
E5600000	PIGEON RIV AT SR 1642 AT CLYDE	35.53502	-82.91218	HAYWOOD	ARO	5-(7)	C	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
E6110000	RICHLAND CRK AT SR 1184 NR WAYNESVILLE	35.509	-82.972	HAYWOOD	ARO	5-16-(11.5)	B	Sur(M)	(M)						G(M)					G(M)	G(Q3)	G(Q3)	
E6300000	JONATHANS CRK AT US 276 NR COVE CREEK	35.59977	-83.0076	HAYWOOD	ARO	5-26-(7)	C Tr	Sur(M)	(M)						G(M)					G(M)	G(Q3)	G(Q3)	
E6450000	CATALOOCHEE CRK AT SR 1395 NR CATALOOCHEE	35.667	-83.07301	HAYWOOD	ARO	5-41	C Tr ORW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
E6480000	PIGEON RIV AT SR 1338 NR HEPCO	35.666	-82.995	HAYWOOD	ARO	5-(7)	C	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
E6500000	PIGEON RIV AT WATERVILLE	35.78506	-83.113	COCKE	ARO			Sur(M)	(M)					G(M)	G(M)					G(M)	G(Q3)	G(Q3)	
E7000000	N TOE RIV AT US 19E NR INGALLS	35.981	-82.01601	AVERY	ARO	7-2-(21.5)	WS-IV Tr	Sur(M)	(M)						G(M)	G(M)				G(M)	G(Q2)	G(Q2)	
E8100000	N TOE RIV AT SR 1162 AT PENLAND	35.92929	-82.11521	MITCHELL	ARO	7-2-(27.7)	C Tr	Sur(M)	(M)						G(M)	G(M)				G(M)	G(Q2)	G(Q2)	
E8200000	S TOE RIV AT SR 1168 NR CELO	35.831	-82.18401	YANCEY	ARO	7-2-52-(1)	B Tr ORW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
E9850000	CANE RIV AT SR 1343 NR SIOUX	36.02505	-82.32715	YANCEY	ARO	7-3-(13.7)	C Tr	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
F2700000	HIWASSEE RIV AT US 19 BUS AT MURPHY	35.0853	-84.0369	CHEROKEE	ARO	1-(50)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
F4000000	VALLEY RIV AT US 74 AND 19 AND 129 AT TOMOTLA	35.13728	-83.9796	CHEROKEE	ARO	1-52	C Tr	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
G0035000	LITTLE TENNESSEE RIV AT SR 1651 NR PRENTISS	35.12215	-83.37432	MACON	ARO	2-(1)	C	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
G2000000	LITTLE TENNESSEE RIV AT NC 28 AT IOTLA	35.2349	-83.39579	MACON	ARO	2-(26.5)	B	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
G3500000	NANTAHALA RIV AT US 64 NR RAINBOW SPRINGS	35.09422	-83.55992	MACON	ARO	2-57-(0.5)	B Tr ORW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
G8600000	TUCKASEGEE RIV AT SR 1364 AT BRYSON CITY	35.42835	-83.44595	SWAIN	ARO	2-79-(40.5)	B	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
G9550000	CHEOAH RIV AT SR 1138 AT ROBBINSVILLE	35.3291	-83.80976	GRAHAM	ARO	2-190-(3.5)	C Tr	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
H6000000	HORSEPASTURE RIV AT NC 281 NR UNION	35.09222	-82.97642	TRANSYLVANIA	ARO	4-13-(0.5)	C Tr	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
I0510000	LEITH CRK AT SR 1615 NR SMYRNA CHURCH	34.65965	-79.45012	SCOTLAND	FRO	14-33	C Sw	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
I1530000	SHOE HEEL CRK AT SR 1101 NR ROWLAND	34.58681	-79.37192	ROBESON	FRO	14-34	C Sw	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
I2090000	DROWNING CRK AT US 1 NR HOFFMAN	35.061	-79.49389	RICHMOND	FRO	14-2-(10.5)	C Sw HQW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
I2610000	LUMBER RIV AT US 401 NR WAGRAM	34.90025	-79.349	SCOTLAND	FRO	14-(3)	WS-IV B Sw HQW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
I2750000	LUMBER RIV AT SR 1303 NR MAXTON	34.74704	-79.32455	ROBESON	FRO	14-(4.5)	B Sw HQW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
I4650000	LUMBER RIV AT SR 2121 NR KINGSDALE	34.50397	-78.94441	ROBESON	FRO	14-(13)	C Sw	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
I5370000	BIG SWAMP AT NC 211 NR RICHARDSON	34.57487	-78.85717	BLADEN	FRO	14-22	C Sw	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
I5690000	LUMBER RIV AT US 74 AT BOARDMAN	34.44295	-78.95959	ROBESON	FRO	14-(13)	C Sw	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
I6290000	ASHPOLE SWAMP AT SR 2258 NR BARNESVILLE	34.38393	-79.10166	ROBESON	FRO	14-30	C Sw	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
I6410000	LUMBER RIV AT NC 904 AT FAIR BLUFF	34.31342	-79.03801	ROBESON	FRO	14-(28)	B Sw	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
I7730000	LAKE WACCAMAW AT DAM SPILLWAY NR LAKE	34.26107	-78.52321	COLUMBUS	WIRO	15-2	B Sw ORW	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
I8970000	WACCAMAW RIV AT NC 130 AT FREELAND	34.09518	-78.54778	BRUNSWICK	WIRO	15-(1)	C Sw	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
I9310000	SEVEN CRKS AT NC 905 NR BUG HILL	34.04926	-78.63496	COLUMBUS	WIRO	15-17	C Sw	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
I9385000	MONTGOMERY SLOUGH AT SR 1105 NR LONG BEACH	33.91777	-78.16093	BRUNSWICK	WIRO	15-25	SA HQW	Sur(M)	(M)		Sur(M)				G(M)					G(M)	G(Q2)		
I9420000	LOCKWOOD FOLLY RIV AT NC 211 AT SUPPLY	34.01077	-78.2636	BRUNSWICK	WIRO	15-25-1-(11)	SC HQW	Pr2(M)	(M)	(M)	Pr2(M)				G(M)					G(M)	G(Q2)		
I9430000	LOCKWOOD FOLLY RIV NR SANDY HILL	33.9722	-78.25029	BRUNSWICK	WIRO	15-25-1-(11)	SC HQW	Pr2(M)	(M)	(M)	Pr2(M)				G(M)					G(M)	G(Q2)		
I9440000	LOCKWOOD FOLLY RIV AT VARNUM	33.94647	-78.22324	BRUNSWICK	WIRO	15-25-1-(16)	SA HQW @	Pr2(M)	(M)	(M)	Pr2(M)				G(M)					G(M)	G(Q2)		
I9480000	LOCKWOOD FOLLY RIV AT CM R6 W CH NW SUNSET	33.93319	-78.2185	BRUNSWICK	WIRO	15-25-1-(16)	SA HQW @	Pr2(M)	(M)	(M)	Pr2(M)				G(M)					G(M)	G(Q2)		
I9700000	SHALLOTTE RIV AT US 17 BUS AT SHALLOTTE	33.97244	-78.38641	BRUNSWICK	WIRO	15-25-2-(5)	SC	Sur(M)	(M)		Sur(M)				G(M)					G(M)	G(Q2)		
I9820000	SHALLOTTE RIV AT SHELL POINT NR SHALLOTTE	33.91966	-78.37108	BRUNSWICK	WIRO	15-25-2-(10)	SA HQW	Pr2(M)	(M)	(M)	Pr2(M)				G(M)					G(M)	G(Q2)		
I9880000	ICW AT SR 1172 NR SUNSET BEACH	33.88168	-78.51091	BRUNSWICK	WIRO	15-25	SA HQW	Pr2(M)	(M)	(M)	Pr2(M)				G(M)					G(M)	G(Q2)		
I9916000	CALABASH RIV AT NC 179 NR CALABASH	33.88951	-78.54947	BRUNSWICK	WIRO	15-25-13	SA HQW	Sur(M)	(M)		Sur(M)				G(M)					G(M)	G(Q2)		
J0770000	ENO RIV AT US 501 NR DURHAM	36.07197	-78.90864	DURHAM	RRO	27-2-(19)	WS-IV NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J0810000	ENO RIV AT SR 1004 NR DURHAM	36.07254	-78.8627	DURHAM	RRO	27-2-(19.5)	WS-IV NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J0820000	LITTLE RIV AT SR 1461 NR ORANGE FACTORY	36.14159	-78.9193	DURHAM	RRO	27-2-21-(3.5)	WS-II HQW NSW CA	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	

NC DWQ AMS Station description and sampling schedule

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Sur: Surface; measured at 0.1m depth only	G: Grab sample at 0.1m	(M): Once monthly	(Q1): sampled January, April, July, October
Pr1: Profile 1; measured at 0.1m and at every meter to bottom	Ph: Composite sample of photic zone (2 x Secchi depth)	(W): Once weekly	(Q2): sampled February, May, August, November
Pr2: Profile 2; measured at 0.1m, mid-depth (half depth to bottom), and bottom only	F: Field filtered through a 0.45um pore filter	(EOW): Every other week	(Q3): sampled March, June, September, December

								FIELD				SAMPLES									QUARTERLY SAMPLES		
Station number	Location	Latitude	Longitude	County	Region	Index	Stream classification	DO, pH, Spec. cond, water temp	Field observations	Secchi depth	Salinity	Chloride	Chlorophyll *a*	Color	Fecal coliform	Fluoride	Nutrients	Oil and grease	Sulfate	Turbidity	TSS	Total hardness	Dissolved Metals
J1070000	FLAT RIV AT SR 1614 NR QUAIL ROOST	36.20021	-78.88615	DURHAM	RRO	27-3-(1)	WS-III NSW	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
J1100000	FLAT RIV AT SR 1004 NR WILLARDSVILLE	36.13186	-78.82784	DURHAM	RRO	27-3-(9)	WS-IV NSW CA	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J1210000	KNAP OF REEDS CRK AT WWTP OUTFALL NR BUTNER	36.12797	-78.79852	GRANVILLE	RRO	27-4-(6)	WS-IV NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J1330000	ELLERBE CRK AT SR 1636 NR DURHAM	36.05949	-78.83224	DURHAM	RRO	27-5-(2)	WS-IV NSW CA	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J1890000	NEUSE RIV AT SR 2000 NR FALLS	35.94077	-78.5801	WAKE	RRO	27-(20.7)	WS-IV NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J2850000	CRABTREE CRK AT SR 1795 NR UMSTEAD STATE PARK	35.8377	-78.78084	WAKE	RRO	27-33-(3.5)	B NSW	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
J3000000	CRABTREE CRK AT SR 1649 NR RALEIGH	35.84545	-78.72444	WAKE	RRO	27-33-(3.5)	B NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J3251000	CRABTREE CRK AT SR 2000 OLD WAKE FOREST RD AT	35.81584	-78.62568	WAKE	RRO	27-33-(10)	C NSW	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
J3300000	PIGEON HOUSE BRANCH AT DORTCH ST AT RALEIGH	35.79387	-78.64262	WAKE	RRO	27-33-18	C NSW	Sur(M)	(M)						G(M)			G(M)		G(M)	G(Q1)	G(Q1)	
J4170000	NEUSE RIV AT NC 42 NR CLAYTON	35.64732	-78.40567	JOHNSTON	RRO	27-(38.5)	WS-IV NSW	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
J4370000	NEUSE RIV AT US 70 BUS AT SMITHFIELD	35.51283	-78.34988	JOHNSTON	RRO	27-(41.7)	WS-V NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J4510000	SWIFT CRK AT NC 42 NR CLAYTON	35.61314	-78.54863	JOHNSTON	RRO	27-43-(8)	C NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J5000000	MIDDLE CRK AT NC 50 NR CLAYTON	35.56894	-78.5923	JOHNSTON	RRO	27-43-15-(4)	C NSW	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
J5850000	LITTLE RIV AT SR 2320 NR PRINCETON	35.51252	-78.15883	JOHNSTON	RRO	27-57-(8.5)	WS-V NSW	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
J5970000	NEUSE RIV AT SR 1915 NR GOLDSBORO	35.33712	-77.99734	WAYNE	RRO	27-(56)	C NSW	Sur(M)	(M)				G(M)		G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J6150000	NEUSE RIV AT NC 11 AT KINSTON	35.25879	-77.58353	LENOIR	EMT	27-(75.7)	C NSW	Sur(W)	(W)		Sur(W)		G(M)		G(M)		G(W)			G(M)	G(Q1)	G(Q1)	
J6740000	CONTENTNEA CRK AT NC 581 NR LUCAMA	35.69142	-78.10928	WILSON	RRO	27-86-(1)	WS-V NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J7450000	CONTENTNEA CRK AT NC 123 AT HOOKERTON	35.42864	-77.58265	GREENE	EMT	27-86-(7)	C Sw NSW	Sur(W)	(W)		Sur(W)		G(M)		G(M)		G(W)			G(M)	G(Q1)	G(Q1)	
J7739550	LITTLE CONTENTNEA CRK AT SR 1125 NR BALLARDS	35.5249	-77.52271	PITT	EMT	27-86-26	C Sw NSW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J7810000	CONTENTNEA CRK NR SR 1800 AT GRIFTON	35.36852	-77.43412	PITT	EMT	27-86-(7)	C Sw NSW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J7850000	NEUSE RIV AT SR 1470 NR FORT BARNWELL	35.31389	-77.30302	CRAVEN	EMT	27-(85)	C Sw NSW	Sur(W)	(W)		Sur(W)		G(M)		G(M)		G(W)			G(M)	G(Q1)	G(Q1)	
J7930000	NEUSE RIV AT SR 1400 AT STREETS FERRY	35.2106	-77.1222	CRAVEN	EMT	27-(85)	C Sw NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)	G(Q3)	
J8150000	CREEPING SWAMP AT NC 43 NR VANCEBORO	35.39164	-77.23134	CRAVEN	EMT	27-97-5-3	C Sw NSW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J8210000	SWIFT CRK AT MOUTH NR ASKIN	35.19278	-77.08984	CRAVEN	EMT	27-97-(6)	SC Sw NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
J8230000	SWIFT CRK AT NC 43 NR STREETS FERRY	35.23104	-77.11388	CRAVEN	EMT	27-97-(6)	SC Sw NSW	Sur(W)	(W)		Sur(W)						G(W)						
J8250000	NEUSE RIV AT CM 68 BELOW SWIFT CRK NR ASKIN	35.19009	-77.09784	CRAVEN	EMT	27-(96)	SC Sw NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
J8290000	NEUSE RIV AT CM 52 AT MOUTH OF NARROWS NR	35.1501	-77.07493	CRAVEN	EMT	27-(96)	SC Sw NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
J8570000	NEUSE RIV .5 MI UPS UNION POINT AT NEW BERN	35.10972	-77.03174	CRAVEN	EMT	27-(96)	SC Sw NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
J8690000	TRENT RIV AT SR 1129 NR TRENTON	35.06364	-77.46107	JONES	EMT	27-101-(1)	C Sw NSW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
J8730000	TRENT RIV AT US 17 AT POLLOCKSVILLE	35.00993	-77.21891	JONES	EMT	27-101-(1)	C Sw NSW	Sur(W)	(W)		Sur(W)						G(W)						
J8770000	TRENT RIV AT CM 14 ABOVE REEDY BR NR RHEMS	35.07508	-77.11441	CRAVEN	EMT	27-101-(31)	SB Sw NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
J8900800	NEUSE RIV AT CM 22 NR FAIRFIELD HARBOUR	35.07989	-77.00607	CRAVEN	EMT	27-(96)	SC Sw NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
J8902500	NEUSE RIV AT CM 2 AT MOUTH OF BROAD CRK NR	35.04898	-76.95687	CRAVEN	EMT	27-(104)	SB Sw NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
J8910000	NEUSE RIV AT CM 11 NR RIVERDALE	34.9986	-76.94418	CRAVEN	EMT	27-(104)	SB Sw NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
J9530000	NEUSE RIV AT CM 9 NR MINNESOTT BEACH	34.9476	-76.80875	PAMLICO	EMT	27-(118)	SA HQW NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
J9690000	BACK CRK AT SR 1300 NR MERRIMON	34.89201	-76.622	CARTERET	WIRO	27-128-3	SA HQW NSW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q3)		
J9810000	NEUSE RIV AT CM 7 NR ORIENTAL	35.00888	-76.66037	PAMLICO	EMT	27-(118)	SA HQW NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		GF(Q3)
J9930000	NEUSE RIV AT CM NR AT MOUTH NR PAMLICO	35.10997	-76.47607	PAMLICO	EMT	27-(118)	SA HQW NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
K2100000	S FORK NEW RIV AT US 221 AND 421 AT PERKINSVILLE	36.22088	-81.63978	WATAUGA	WSRO	10-1-(3.5)	C +	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
K3250000	S FORK NEW RIV AT NC 16 AND 88 NR JEFFERSON	36.39473	-81.4075	ASHE	WSRO	10-1-(26)	WS-IV HQW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
K4500000	S FORK NEW RIV AT US 221 NR SCOTTVILLE	36.47378	-81.33649	ASHE	WSRO	10-1-(33.5)	B ORW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
K7500000	N FORK NEW RIV AT SR 1573 AT CRUMPLER	36.50403	-81.39004	ASHE	WSRO	10-2-(12)	C ORW	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
K7900000	NEW RIV AT SR 1345 AT AMELIA	36.5519	-81.18172	ALLEGHANY	WSRO	10	C ORW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	GF(Q3)
K9600000	LITTLE RIV AT SR 1426 NR EDWARDS CROSSROADS	36.52465	-81.06939	ALLEGHANY	WSRO	10-9-(6)	C	Sur(M)	(M)						G(M)					G(M)	G(Q3)	G(Q3)	
L1700000	WATAUGA RIV AT SR 1557 NR SHULLS MILL	36.17352	-81.74597	WATAUGA	WSRO	8-(1)	B Tr HQW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
L4700000	WATAUGA RIV AT SR 1121 NR SUGAR GROVE	36.23874	-81.8229	WATAUGA	WSRO	8-(1)	B Tr HQW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
M2750000	PASQUOTANK RIV AT ELIZABETH CITY	36.28061	-76.17139	PASQUOTANK	EMT	30-3-(12)	SB	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q2)		
M3500000	LITTLE RIV AT SR 1367 AT WOODVILLE	36.24051	-76.32464	PERQUIMANS	EMT	30-5-(1)	C Sw	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
M390000C	ALBEMARLE SOUND NR FROG ISLAND MID CHANNEL	36.0625	-76.00163	TYRRELL	EMT	30	SB	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
M390000N	ALBEMARLE SOUND NR FROG ISLAND N SHORE	36.15033	-76.02095	CAMDEN	EMT	30	SB	Pr1(M)	(M)	(M)	Pr1(M)				G(M)		Ph(M)			G(M)	G(Q1)		
M390000S	ALBEMARLE SOUND NR FROG ISLAND S SHORE	35.96945	-75.97953	TYRRELL	EMT	30	SB	Pr1(M)	(M)	(M)	Pr1(M)				G(M)		Ph(M)			G(M)	G(Q2)		
M5000000	PERQUIMANS RIV AT SR 1336 AT HERTFORD	36.19387	-76.46611	PERQUIMANS	EMT	30-6-(3)	SC	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q3)		
M610000C	ALBEMARLE SOUND BETWEEN HARVEY PT AND MILL PT	36.02151	-76.30602	TYRRELL	EMT	30	SB	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q2)		
M610000N	ALBEMARLE SOUND BETWEEN HARVEY PT AND MILL PT N	36.08348	-76.29288	PERQUIMANS	EMT	30	SB	Pr1(M)	(M)	(M)	Pr1(M)				G(M)		Ph(M)			G(M)	G(Q3)		

NC DWQ AMS Station description and sampling schedule

Key to Field Measurement Codes:	Key to Sampling Methods:	Key to sampling frequency:	
Sur: Surface; measured at 0.1m depth only	G: Grab sample at 0.1m	(M): Once monthly	(Q1): sampled January, April, July, October
Pr1: Profile 1; measured at 0.1m and at every meter to bottom	Ph: Composite sample of photic zone (2 x Secchi depth)	(W): Once weekly	(Q2): sampled February, May, August, November
Pr2: Profile 2; measured at 0.1m, mid-depth (half depth to bottom), and bottom only	F: Field filtered through a 0.45um pore filter	(EOW): Every other week	(Q3): sampled March, June, September, December

								FIELD				SAMPLES									QUARTERLY SAMPLES		
Station number	Location	Latitude	Longitude	County	Region	Index	Stream classification	DO, pH, Spec. cond, water temp	Field observations	Secchi depth	Salinity	Chloride	Chlorophyll *a*	Color	Fecal coliform	Fluoride	Nutrients	Oil and grease	Sulfate	Turbidity	TSS	Total hardness	Dissolved Metals
M610000S	ALBEMARLE SOUND BETWEEN HARVEY PT AND MILL PT S	35.96353	-76.31261	TYRRELL	EMT	30	SB	Pr1(M)	(M)	(M)	Pr1(M)				G(M)		Ph(M)			G(M)	G(Q1)		
M6920000	KENDRICK CRK AT SR 1300 AT MACKEYS	35.92995	-76.60983	WASHINGTON	EMT	30-9-(2)	SC	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q2)		
M6980000	SCUPPERNONG RIV AT SR 1105 NR COLUMBIA	35.87762	-76.33761	TYRRELL	EMT	30-14-4-(1)	C Sw	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
M7175000	ALLIGATOR RIV AT US 64 NR ALLIGATOR	35.89859	-76.00978	TYRRELL	EMT	30-16-(7)	SC Sw ORW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q1)		
N0150000	DAN RIV AT NC 704 NR FRANCISCO	36.51459	-80.30282	STOKES	WSRO	22-(1)	C Tr	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
N1400000	MAYO RIV AT SR 1358 NR PRICE	36.53514	-79.99117	ROCKINGHAM	WSRO	22-30-(1)	WS-V	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
N2300000	DAN RIV AT SR 2150 NR WENTWORTH	36.41055	-79.82693	ROCKINGHAM	WSRO	22-(31.5)	WS-IV	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
N2430000	SMITH RIV AT SR 1714 NR EDEN	36.52087	-79.75281	ROCKINGHAM	WSRO	22-40-(1)	WS-IV	Sur(M)	(M)					G(M)	G(M)					G(M)	G(Q3)	G(Q3)	GF(Q3)
N3000000	DAN RIV AT SR 1761 NR MAYFIELD	36.54142	-79.60525	ROCKINGHAM	WSRO	22-(39)	C	Sur(M)	(M)					G(M)	G(M)					G(M)	G(Q1)	G(Q1)	
N3500000	DAN RIV AT NC 57 AT VA LINE AT MILTON	36.54079	-79.21422	CASWELL	WSRO	22-(39)	C	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
N4250000	HYCO RIV BELOW AFTERBAY DAM NR MCGHEES MILL	36.52353	-78.996	PERSON	RRO	22-58-(9.5)	C	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
N4400000	MARLOWE CRK AT SR 1322 NR WOODSDALE	36.48325	-78.97941	PERSON	RRO	22-58-12-6	C	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
N4510000	HYCO RIV AT US 501 NR DENNISTON VA	36.58805	-78.89814	HALIFAX	RRO		III NT	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
N4590000	MAYO CRK AT SR 1501 NR BETHEL HILL	36.54021	-78.87362	PERSON	RRO	22-58-15-(3.5)	C	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
N5000000	NUTBUSH CRK AT SR 1317 NR HENDERSON	36.36914	-78.40834	VANCE	RRO	23-8-(1)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
N6400000	SMITH CRK AT US 1 NR PASCHALL	36.54087	-78.19514	WARREN	RRO	23-10	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
N7300000	ROANOKE RIV AT NC 48 AT ROANOKE RAPIDS	36.48151	-77.64526	HALIFAX	RRO	23-(25.5)	WS-IV CA	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
N8200000	ROANOKE RIV AT US 258 NR SCOTLAND NECK	36.20925	-77.38387	HALIFAX	RRO	23-(26)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
N8550000	ROANOKE RIV AT US 13 AND US 17 AT WILLIAMSTON	35.85986	-77.04009	MARTIN	EMT	23-(26)	C	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
N8950000	CASHIE RIV AT SR 1219 NR LEWISTON	36.12376	-77.1214	BERTIE	EMT	24-2-(1)	C Sw	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
N9250000	ROANOKE RIV 1.3 MI UPS WELCH CRK NR PLYMOUTH	35.86767	-76.78541	MARTIN	EMT	23-(53)	C Sw	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q1)	G(Q1)	
N9600000	ROANOKE RIV AT NC 45 AT SANS SOUCI	35.91469	-76.72252	BERTIE	EMT	23-(53)	C Sw	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q2)	G(Q2)	
N9700000	ALBEMARLE SOUND AT BATCHELOR BAY NR BLACK	35.95327	-76.67603	WASHINGTON	EMT	30	SB	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q1)		
O0100000	TAR RIV AT NC 96 NR TAR RIVER	36.19472	-78.58292	GRANVILLE	RRO	28-(5.7)	WS-V NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
O0600000	FISHING CRK AT SR 1643 NR CLAY	36.22317	-78.57568	GRANVILLE	RRO	28-11	C NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	GF(Q2)
O1100000	TAR RIV AT US 401 AT LOUISBURG	36.09438	-78.29766	FRANKLIN	RRO	28-(24.7)	WS-V NSW	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
O2000000	TAR RIV AT SR 1001 NR BUNN	36.00228	-78.24334	FRANKLIN	RRO	28-(24.7)	WS-V NSW	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
O3180000	TAR RIV AT NC 97 AT ROCKY MOUNT	35.95438	-77.7874	EDGECOMBE	RRO	28-(69)	C NSW	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
O3600000	TAR RIV AT SR 1252 NR HARTSEASE	35.9409	-77.65511	EDGECOMBE	RRO	28-(74)	WS-IV NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
O3830000	SANDY CRK AT SR 1432 NR GUPTON	36.17785	-78.19089	FRANKLIN	RRO	28-78-1-(8)	B NSW +	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
O3870000	SWIFT CRK AT SR 1310 AT HILLIARDSTON	36.11175	-77.92122	NASH	RRO	28-78-(0.5)	C ORW NSW	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
O4000000	SWIFT CRK AT SR 1253 NR LEGGETT	35.96679	-77.58535	EDGECOMBE	RRO	28-78-(6.5)	WS-IV NSW	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
O4680000	FISHING CRK AT US 301 NR ENFIELD	36.15094	-77.69267	EDGECOMBE	RRO	28-79-(29)	C NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
O5250000	TAR RIV AT NC 33 AND US 64 BUS AT TARBORO	35.89352	-77.53233	EDGECOMBE	RRO	28-(80)	C NSW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
O6200000	TAR RIV AT NC 222 NR FALKLAND	35.69624	-77.48949	PITT	EMT	28-(84)	WS-IV NSW	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
O6205000	CONETOE CRK AT SR 1409 NR BETHEL	35.77427	-77.46384	PITT	EMT	28-87-(0.5)	C NSW	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
O6450000	CHICOD CRK AT SR 1760 NR SIMPSON	35.56149	-77.23047	PITT	EMT	28-101	C NSW	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
O6500000	TAR RIV AT SR 1565 NR GRIMESLAND	35.57404	-77.17542	PITT	EMT	28-(99.5)	B NSW	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
O7300000	TRANTERS CRK AT SR 1403 NR WASHINGTON	35.56297	-77.0864	BEAUFORT	EMT	28-103	C Sw NSW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
O7650000	PAMLICO RIV AT US 17 AT WASHINGTON	35.54321	-77.06152	BEAUFORT	EMT	29-(1)	SC NSW	Sur(M)	(M)	(M)	Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q3)		
O7680000	PAMLICO RIV AT CM 16 NR WHICHARD BEACH	35.50791	-77.02034	BEAUFORT	EMT	29-(5)	SB NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q1)		
O7710000	CHOCOWINITY BAY ABOVE SILAS CRK NR WHICHARD	35.5031	-77.04231	BEAUFORT	EMT	29-6-(1)	SC NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q2)		
O787000C	PAMLICO RIV AT MOUTH OF BROAD CRK NR BUNYON MID	35.46183	-76.95956	BEAUFORT	EMT	29-(5)	SB NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q1)		
O8495000	BATH CRK AT NC 92 NR BATH	35.47745	-76.81692	BEAUFORT	EMT	29-19-(5.5)	SB NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q1)		
O8498000	PAMLICO RIV AT CM 5 NR CORE POINT	35.43048	-76.84144	BEAUFORT	EMT	29-(5)	SB NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
O865000C	PAMLICO RIV AT CM 4 NR GUM POINT MID CHANNEL	35.40471	-76.76707	BEAUFORT	EMT	29-(5)	SB NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
O865000N	PAMLICO RIV AT CM 4 NR GUM POINT N SHORE	35.41285	-76.76343	BEAUFORT	EMT	29-(5)	SB NSW	Pr1(M)	(M)	(M)	Pr1(M)				G(M)		Ph(M)			G(M)	G(Q2)		
O865000S	PAMLICO RIV AT CM 4 NR GUM POINT S SHORE	35.38992	-76.77234	BEAUFORT	EMT	29-(5)	SB NSW	Pr1(M)	(M)	(M)	Pr1(M)				G(M)		Ph(M)			G(M)	G(Q1)		
O9059000	PAMLICO RIV AT HICKORY PT NR SOUTH CRK	35.38542	-76.68372	BEAUFORT	EMT	29-(27)	SA HQW NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q2)		
O9750500	PUNGO CRK AT NC 92 AT SIDNEY CROSSROADS	35.49938	-76.67239	BEAUFORT	EMT	29-34-35	SC NSW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q3)		
O9751000	PANTEGO CRK AT NC 92 AT BELHAVEN	35.54248	-76.6363	BEAUFORT	EMT	29-34-34-(2)	SC NSW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q1)		
O9755000	VAN SWAMP AT NC 32 NR HOKE	35.73038	-76.74653	WASHINGTON	EMT	29-34-34-(1)	C Sw NSW	Sur(M)	(M)		Sur(M)				G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
O9758500	PUNGO RIV AT US 264 NR PONZER	35.57135	-76.50152	BEAUFORT	EMT	29-34-(12)	SB NSW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q2)		
O982500C	PAMLICO RIV BETWEEN MOUTHS OF PUNGO RIV AND	35.36185	-76.58059	BEAUFORT	EMT	29-(27)	SA HQW NSW	Pr1(M)	(M)	(M)	Pr1(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q1)		

NC DWQ AMS Station description and sampling schedule

Key to Field Measurement Codes:	Key to Sampling Methods:	Key to sampling frequency:	
Sur: Surface; measured at 0.1m depth only	G: Grab sample at 0.1m	(M): Once monthly	(Q1): sampled January, April, July, October
Pr1: Profile 1; measured at 0.1m and at every meter to bottom	Ph: Composite sample of photic zone (2 x Secchi depth)	(W): Once weekly	(Q2): sampled February, May, August, November
Pr2: Profile 2; measured at 0.1m, mid-depth (half depth to bottom), and bottom only	F: Field filtered through a 0.45um pore filter	(EOW): Every other week	(Q3): sampled March, June, September, December

								FIELD				SAMPLES									QUARTERLY SAMPLES		
Station number	Location	Latitude	Longitude	County	Region	Index	Stream classification	DO, pH, Spec. cond, water temp	Field observations	Secchi depth	Salinity	Chloride	Chlorophyll *a*	Color	Fecal coliform	Fluoride	Nutrients	Oil and grease	Sulfate	Turbidity	TSS	Total hardness	Dissolved Metals
P0600000	NEW RIV AT SR 1314 NR GUM BRANCH	34.84897	-77.51961	ONSLOW	WIRO	19-(1)	C NSW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
P1200000	NEW RIV AT US 17 AT JACKSONVILLE	34.75304	-77.43433	ONSLOW	WIRO	19-(10.5)	SB HQW NSW	Pr2(M)	(M)	(M)	Pr2(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
P2105000	BRINSON CRK AT MOUTH AT JACKSONVILLE	34.73475	-77.44025	ONSLOW	WIRO	19-12	SC NSW	Sur(M)	(M)	(M)	Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q3)		
P2113000	NEW RIV AT WILSON BAY AT CENTER POINT	34.73854	-77.42746	ONSLOW	WIRO	19-14	SC HQW NSW	Pr2(M)	(M)	(M)	Pr2(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
P3100000	LITTLE NORTHEAST CRK AT SR 1406 NR JACKSONVILLE	34.74835	-77.32925	ONSLOW	WIRO	19-16-2	C NSW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
P3700000	NORTHEAST CRK AT NC 24 AT JACKSONVILLE	34.73479	-77.35358	ONSLOW	WIRO	19-16-(3.5)	SC HQW NSW	Pr2(M)	(M)	(M)	Pr2(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
P4100000	SOUTHWEST CRK AT THE NARROWS	34.68399	-77.42621	ONSLOW	WIRO	19-17-(6.5)	C HQW NSW	Pr2(M)	(M)	(M)	Pr2(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
P4600000	NEW RIV UPS OF FRENCHS CRK	34.64669	-77.34756	ONSLOW	WIRO	19-(15.5)	SC NSW	Pr2(M)	(M)	(M)	Pr2(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
P6400000	WHITE OAK RIV AT SR 1442 NR STELLA	34.77486	-77.15383	ONSLOW	WIRO	20-(18)	SA HQW	Sur(M)	(M)		Sur(M)				G(M)					G(M)	G(Q3)		
P7300000	NEWPORT RIV AT SR 1247 AT NEWPORT	34.78054	-76.85971	CARTERET	WIRO	21-(1)	C	Sur(M)	(M)		Sur(M)				G(M)					G(M)	G(Q3)	G(Q3)	
P8750000	CALICO CRK AT SR 1243 AT MOREHEAD CITY	34.73436	-76.7421	CARTERET	WIRO	21-32	SC HQW	Sur(M)	(M)		Sur(M)		G(M)		G(M)		G(M)			G(M)	G(Q3)		
P8800000	CALICO CRK AT SR 1176 AT MOREHEAD CITY	34.72791	-76.72921	CARTERET	WIRO	21-32	SC HQW	Pr2(M)	(M)	(M)	Pr2(M)		Ph(M)		G(M)		Ph(M)			G(M)	G(Q3)		
P8975000	NORTH RIV AT US 70 NR BETTIE	34.78901	-76.61005	CARTERET	WIRO	21-35-1	SA HQW	Sur(M)	(M)		Sur(M)				G(M)					G(M)	G(Q3)		
P8978000	BROAD CRK AT US 70 NR MASONTOWN	34.8798	-76.41476	CARTERET	WIRO	21-35-7-10-4	SC	Sur(M)	(M)		Sur(M)				G(M)					G(M)	G(Q3)		
Q0220000	ELK CRK AT NC 268 AT ELKVILLE	36.06952	-81.40237	WILKES	WSRO	12-24-(10)	B ORW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
Q0450000	YADKIN RIV AT US 421 BUS AT N WILKESBORO	36.16597	-81.13447	WILKES	WSRO	12-(38)	C	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
Q0660000	ROARING RIV AT SR 1990 NR ROARING RIVER	36.24802	-81.04303	WILKES	WSRO	12-46	B	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
Q0810000	YADKIN RIV AT US 21 BUS AT ELKIN	36.24176	-80.84734	YADKIN	WSRO	12-(53)	C	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
Q1780000	ARARAT RIV AT SR 2019 AT ARARAT	36.40361	-80.56113	SURRY	WSRO	12-72-(4.5)	C	Sur(M)	(M)						G(M)					G(M)	G(Q3)	G(Q3)	
Q2040000	YADKIN RIV AT SR 1605 AT ENON	36.13279	-80.44539	FORSYTH	WSRO	12-(80.7)	WS-IV	Sur(M)	(M)						G(M)					G(M)	G(Q3)	G(Q3)	
Q2510000	SALEM CRK AT ELLEDGE WWTP AT WINSTON SALEM	36.03878	-80.30416	FORSYTH	WSRO	12-94-12-(4)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
Q2600000	MUDDY CRK AT SR 2995 NR MUDDY CREEK	36.00001	-80.34	FORSYTH	WSRO	12-94-(0.5)	C	Sur(M)	(M)					G(M)	G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
Q2810000	YADKIN RIV AT US 64 AT YADKIN COLLEGE	35.857	-80.38628	DAVIDSON	WSRO	12-(97.5)	WS-IV CA	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
Q3460000	S YADKIN RIV AT SR 1159 NR MOCKSVILLE	35.84478	-80.6591	DAVIE	WSRO	12-108-(14.5)	WS-IV	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
Q3484000	HUNTING CRK AT SR 2115 NR HARMONY	36.00024	-80.74562	IREDELL	MRO	12-108-16-(0.5)	WS-III	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	
Q3735000	FOURTH CRK AT SR 2308 NR ELMWOOD	35.76841	-80.74978	IREDELL	MRO	12-108-20	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	
Q3934500	THIRD CRK AT SR 1970 NR WOODLEAF	35.76742	-80.62609	ROWAN	MRO	12-108-20-4	C	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
Q4120000	SECOND CRK AT US 70 NR BARBER	35.7184	-80.59538	ROWAN	MRO	12-108-21	C	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
Q4540000	GRANTS CRK AT SR 1915 NR SALISBURY	35.70718	-80.43608	ROWAN	MRO	12-110	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q2)	G(Q2)	GF(Q2)
Q4660000	YADKIN RIV AT NC 150 NR SPENCER	35.72303	-80.3905	ROWAN	MRO	12-(108.5)	WS-V	Sur(M)	(M)						G(M)					G(M)	G(Q2)	G(Q2)	GF(Q2)
Q5360000	TOWN CRK AT SR 2168 NR DUKE	35.66353	-80.35418	ROWAN	MRO	12-(108.5)	WS-V	Sur(M)	(M)				G(M)		G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
Q5780000	RICH FORK AT SR 1800 NR THOMASVILLE	35.92668	-80.12464	DAVIDSON	WSRO	12-119-7	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
Q5906000	HAMBY CRK AT SR 2790 NR HOLLY GROVE	35.8324	-80.17472	DAVIDSON	WSRO	12-119-7-4	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
Q5930000	ABBOTTS CRK AT SR 1243 AT LEXINGTON	35.80629	-80.23488	DAVIDSON	WSRO	12-119-(6)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
Q5970000	ABBOTTS CRK AT NC 47 NR COTTON GROVE	35.74795	-80.2414	DAVIDSON	WSRO	12-118.5	WS-V B	Sur(M)	(M)				G(M)		G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
Q6120000	YADKIN RIV AT SR 1002 AT HIGH ROCK	35.5968	-80.23128	DAVIDSON	WSRO	12-(124.5)	WS-IV B CA	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q3)	G(Q3)	
Q6810000	UWHARRIE RIV AT NC 109 NR UWHARRIE	35.43121	-80.0164	MONTGOMERY	FRO	13-2-(17.5)	WS-IV B	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
Q7150000	PEE DEE RIV AT NC 731 NR SHANKLE	35.20052	-80.06248	STANLY	MRO	13-(15.5)	WS-V B	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
Q7330000	ROCKY RIV AT SR 2420 NR DAVIDSON	35.4749	-80.77948	MECKLENBURG	MRO	13-17	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
Q8090000	IRISH BUFFALO CRK AT SR 1132 NR FAGGARTS	35.3473	-80.54769	CABARRUS	MRO	13-17-9-(2)	C	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
Q8220000	ROCKY RIV AT SR 1006 NR CONCORD	35.31397	-80.47864	CABARRUS	MRO	13-17	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	GF(Q1)
Q8360000	GOOSE CRK AT SR 1524 NR MINT HILL	35.1309	-80.63105	UNION	MRO	13-17-18	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(M)	G(Q3)	
Q8374000	GOOSE CRK AT SR 1547 NR BRIEF	35.17587	-80.51129	UNION	MRO	13-17-18	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(M)	G(Q3)	
Q8720000	LONG CRK AT SR 1917 NR ROCKY RIVER SPRINGS	35.22392	-80.25857	STANLY	MRO	13-17-31	C	Sur(M)	(M)					G(M)	G(M)					G(M)	G(Q1)	G(Q1)	
Q8917000	RICHARDSON CRK AT SR 1649 NR FAIRFIELD	35.07111	-80.40662	UNION	MRO	13-17-36-(5)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
Q9120000	ROCKY RIV AT SR 1935 NR NORWOOD	35.15688	-80.16583	STANLY	MRO	13-17	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	GF(Q1)
Q9155000	BROWN CRK AT SR 1627 NR PINKSTON	35.06372	-80.05283	ANSON	FRO	13-20	C	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
Q9160000	PEE DEE RIV AT NC 109 NR MANGUM	35.086	-79.99883	ANSON	FRO	13-(15.5)	WS-V B	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
Q9200000	LITTLE RIV AT SR 1340 NR STAR	35.38722	-79.83152	MONTGOMERY	FRO	13-25-(11.5)	C HQW	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
Q9400000	PEE DEE RIV AT US 74 NR ROCKINGHAM	34.94567	-79.8691	RICHMOND	FRO	13-(34)	C	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
Q9660000	HITCHCOCK CRK AT SR 1109 AT CORDOVA	34.91837	-79.83003	RICHMOND	FRO	13-39-(10)	C	Sur(M)	(M)						G(M)		G(M)			G(M)	G(Q1)	G(Q1)	
Q9777000	JONES CRK AT NC 145 NR PEE DEE	34.90432	-79.93047	ANSON	FRO	13-42	C	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	
Q9940000	MARKS CRK AT SR 1812 NR HAMLET	34.86257	-79.71915	RICHMOND	FRO	13-45-(2)	C	Sur(M)	(M)						G(M)					G(M)	G(Q1)	G(Q1)	