

NEUSE RIVER BASIN

02091740 LITTLE CONTENTNEA CREEK AT SCUFFLETON, NC

LOCATION.--Lat 35°27'20", long 77°29'10", Greene County, Hydrologic Unit 03020203, at bridge on State Highway 102, at Scuffleton.

DRAINAGE AREA.--172 mi<sup>2</sup>

PERIOD OF RECORD.--Water years 2000 to current year.

REMARKS.--Station operated in cooperation with the U.S. Environmental Protection Agency and the North Carolina Department of Environment and Natural Resources as part of a long-term project to develop a multimedia integrated modeling system (MIMS).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)
NOV 15...	1300	13	173	6.7	11.6	764	5.6	51	56	18.0	2.60	10.0	26
JAN 18...	1000	47	158	6.9	7.8	773	--	--	41	12.0	2.60	11.0	33
FEB 07...	1000	94	151	6.8	6.9	776	10.1	81	40	12.0	2.50	12.0	35
APR 04...	1030	560	102	6.4	--	774	--	--	27	7.40	2.00	6.5	31
JUL 10...	1045	108	92	6.2	24.9	763	4.4	54	29	8.50	1.80	5.2	26
DATE	RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N) (00607)
NOV 15...	.6	4.70	7.1	14.0	.2	6.9	114	97	<.010	.050	.020	.57	.52
JAN 18...	.8	6.00	10.0	19.0	.1	.6	102	83	<.010	<.020	<.010	--	--
FEB 07...	.8	5.90	7.7	18.0	.1	1.0	114	82	<.010	.110	<.010	--	--
APR 04...	.5	4.10	7.9	13.0	.1	2.0	78	54	<.010	.290	.019	.72	.62
JUL 10...	.4	3.30	6.0	8.8	.2	5.2	72	55	<.010	.200	.036	.87	.73
DATE	TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00600)	NITRO-GEN, DIS-SOLVED (MG/L AS N) (00602)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)			
NOV 15...	.59	.54	.64	.59	.190	.110	.090	470	21.0	8.0			
JAN 18...	.55	.36	--	--	.120	.040	.020	380	14.0	6.8			
FEB 07...	.55	.44	.66	.55	.100	.060	.080	770	14.0	8.7			
APR 04...	.74	.64	1.0	.93	.140	.060	.080	570	13.0	11			
JUL 10...	.91	.77	1.1	.97	.280	.170	.160	1100	54.0	11			