

NEUSE RIVER BASIN

02090380 CONTENTNEA CREEK NEAR LUCAMA, NC--Continued

WATER-QUALITY RECORDS

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, 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)	
OCT														
26...	1500	21	57	6.5	18.4	760	8.0	85	16	4.10	1.50	4.0	31	
NOV														
16...	1130	27	54	6.5	13.2	762	8.6	82	15	3.80	1.40	4.0	33	
DEC														
11...	1145	43	54	6.9	7.2	769	11.4	93	14	3.40	1.40	4.2	35	
JAN														
18...	1330	59	55	6.7	5.9	767	--	--	14	3.30	1.40	4.7	37	
FEB														
07...	1315	109	56	6.9	8.4	772	12.4	104	14	3.20	1.40	5.0	39	
27...	1115	141	58	7.1	11.0	772	11.3	101	14	3.30	1.40	5.1	39	
APR														
05...	1415	561	51	6.4	13.1	772	10.6	99	13	3.00	1.30	4.5	39	
JUL														
10...	1430	77	55	6.8	29.0	762	6.8	89	16	4.00	1.50	3.8	30	
DATE		SODIUM AD-SORPTION 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 DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	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)
OCT														
26...	.4	2.30	2.9	4.3	<.1	7.2	57	38	--	<.010	.120	.150	.70	
NOV														
16...	.4	2.20	3.1	4.3	<.1	7.2	36	37	.130	.010	.140	.141	.63	
DEC														
11...	.5	2.30	3.5	4.6	<.1	6.4	49	37	.170	.010	.180	.122	.60	
JAN														
18...	.5	2.70	3.8	5.7	<.1	6.4	60	39	--	<.010	.230	.042	.63	
FEB														
07...	.6	2.70	4.0	5.9	<.1	6.3	61	40	.220	.010	.230	<.010	--	
27...	.6	2.50	3.9	6.0	<.1	5.5	51	39	--	<.010	.180	.014	.77	
APR														
05...	.5	2.10	3.4	5.2	<.1	4.8	42	34	--	<.010	.180	.044	.71	
JUL														
10...	.4	2.60	2.5	4.1	<.1	4.1	44	35	--	<.010	.030	.040	.76	
DATE		NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N) (00607)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, 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)		
OCT														
26...	.53	.85	.68	.97	.80	.030	<.020	<.010	1100	160	11			
NOV														
16...	.54	.77	.68	.91	.82	.040	<.020	<.010	1300	48.0	10			
DEC														
11...	.53	.72	.65	.90	.83	.040	.030	<.010	1600	57.0	8.8			
JAN														
18...	.44	.67	.48	.90	.71	.040	.020	<.010	1300	56.0	8.0			
FEB														
07...	--	.59	.41	.82	.64	.020	.020	<.010	1200	31.0	8.2			
27...	.41	.78	.42	.96	.60	.040	<.020	.020	940	12.0	8.0			
APR														
05...	.54	.75	.58	.93	.76	.030	<.020	.010	740	21.0	9.5			
JUL														
10...	.46	.80	.50	.83	.53	<.020	<.020	<.010	840	143	9.1			