114 CAPE FEAR RIVER BASIN

02096846 CANE CREEK NEAR ORANGE GROVE, NC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1989 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment.

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)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (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)
OCT 24	1415	.45	108	6.8	14.4	<1	759	8.9	88	36	8.99	3.40	6.5
DEC 19	1215	4.7	69	6.6	4.8	80	743	11.8	94	21	5.11	2.05	4.0
FEB 22	1200	5.1	70	6.4	4.1	80	764	11.5	88	22	5.48	2.14	4.6
MAR 21	1115	72	46	6.0	12.4	160	742	5.5	52	15	3.66	1.46	2.8
APR 10 JUN	1100	4.9	66	5.9	7.3	20				23	5.60	2.07	4.6
14	1345	1.2	94	6.8	21.8	15	750	7.3	84	34	8.65	3.05	5.4
AUG 27	1115	.04	117	7.3	22.2	10	754	6.8	79	44	11.3	3.77	5.8
DATE	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE IT-FLD (MG/L AS HCO3) (99440)	ANC WATER UNFLTRD IT FIELD MG/L AS CACO3 (00419)	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)	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)
OCT 24 DEC	26	.5	2.22	39	32	2.8	7.3	<.2	15.0	69	.002	. 596	.005
19 FEB	27	.4	1.64	22	18	5.3	5.6	<.2	11.9	68	.003	.626	.008
22 MAR	29	.4	1.10	21	17	5.5	5.7	<.2	12.3	58	.003	.593	.008
21 APR	27	.3	1.20	8.5	7	5.7	3.5	<.2	7.1	58	.004	.223	.037
10 JUN	30	.4	.93	26	21	3.6	5.3	<.2	10.4	42	.002	.291	.004
14 AUG	25	.4	1.49	34	28	2.6	5.7	<.2	14.5	70	.004	.695	.003
27	21	.4	2.30	76	62	1.6	5.8	<.2	11.2	84	.001	.169	.022
DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV- ERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)
OCT 24 DEC	.23	.23	.83	<.060	.012	E18	<2	<.11	<1	<2	E.9	160	<1
19 FEB	.43	.43	1.1	E.047	.009								
22 MAR	.33	.34	.93	<.060	E.005								
21 APR	.60	.63	.86	.085	.028	660	<2	<.11	М	<2	4.9	790	2
10 JUN	.27	.28	.57	E.036	E.004	132	<2	<.11	<1	<2	<1.8	570	<1
14 AUG	.32	.33	1.0	E.050	.025								
27	.30	.32	.49	E.058	.017								

CAPE FEAR RIVER BASIN 115

02096846 CANE CREEK NEAR ORANGE GROVE, NC--Continued

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

DATE	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MOLYB- DENUM, TOTAL RECOV- ERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOV- ERABLE (UG/L AS NI) (01067)	SELE- NIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOV- ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV- ERABLE (UG/L AS ZN) (01092)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT										
24	13	<.14	<1.5	<2	<2.6	< .43	<31	4.6	2	.00
DEC 19								11	17	.22
FEB								11	17	. 22
22								4.6	10	.14
MAR										
21	118	<.14	<1.5	M	<2.6	< .43	<31	15	28	5.5
APR 10	37	<.14	<1.5	<2	<2.6	< .43	<31	2.1	5	.06
JUN	57	V.14	VI.5	\ <u>2</u>	\Z.0	V. 1 5	731	2.1	3	.00
14								5.4	32	.10
AUG										
27								4.4	2	.00