106 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 2001 TO SEPTEMBER 2002

Date	Time	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	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)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	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)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
OCT 11	1115	.08	5	758	5.5	52	7.1	116	12.9	49	12.2	4.53	2.97
DEC 05	0850	.02	25	768	4.2	33	6.7	146	6.3	58	13.7	5.65	3.92
JAN 23	1445	79	250		10.8		6.7	112	5.9	23	4.97	2.62	6.55
FEB 13	1035	1.7	60	760	12.9	103	7.0	75	5.4	22	5.37	2.16	1.32
APR 19	1030	.49	38	758	7.6	87	7.2	109	21.5	38	9.67	3.40	1.67
JUN 20	1045	.0	30	760	3.9	43	7.2	140	21.2	48	12.2	4.30	2.49
AUG 13	1215	.0	40	752	4.5	55	7.2	198	24.7	54	13.8	4.70	15.2
Date	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	ANC WATER UNFLTRD IT FIELD MG/L AS CACO3 (00419)	BICAR- BONATE IT-FLD (MG/L AS HCO3) (99440)	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)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)
OCT 11 DEC	5.34	23	28	6.71	<.1	11.5	1.6	78	E.008	.33	E.010	<.002	.012
05 JAN	6.24	68	83	9.68	E.1	18.2	.4	106	<.015	.27	<.013	<.002	.012
23 FEB	5.32			9.34	<.1	7.1	7.6	94	.147	1.7	.897	.012	.499
13 APR	5.33	15	18	7.75	<.1	8.9	6.9	54	E.012	.37	.438	<.002	.010
19	6.46	37	45	7.54	<.1	5.7	3.2	69	.079	.61	.301	.010	.011
JUN 20	6.78	60	73	7.84	E.1	17.8	1.1	97	.075	.65	.133	.004	.023
AUG 13	8.56	36	44	19.1	.1	11.8	3.6	139	.076	1.2	.032	.004	.026
Date	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	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)	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)
OCT 11 DEC	E.04	4.3	90	<2	<.1	<.8	<2.0	2.2	250	<1	144	<.01	<2
05 JAN	E.04	5.5											
23 FEB	.75	21.3	1090	<2	<.1	E.5	<2.0	3.9	1340	2	282	.02	<2
13 APR	E.04	6.2											
19 JUN	E.05	6.0	110	<2	<.1	<.8	<2.0	E1.0	940	М	220	<.01	<2
20 AUG	.09	6.5											
13		12.8											

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02096846 CANE CREEK NEAR ORANGE GROVE, NC--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	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)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)
OCT						
11	<2.0	<2	<.3	<20	2.8	.0
DEC 05					3.8	. 0
JAN					3.0	.0
23	<2.0	<2	<.3	<20	103	22.0
FEB						
13 APR					3.5	.02
19	<2.0	<2	<.3	<20	5.8	.01
JUN						
20 AUG					7.9	
13					5.2	

Remark codes used in this report:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified