0209719700 B. EVERETT JORDAN LAKE, HAW RIVER ARM, ABOVE B. EVERETT JORDAN DAM, NC

LOCATION.--Lat 35°39'39", long 79°04'23", Chatham County, Hydrologic Unit 03030002, 0.5 mi above B. Everett Jordan Dam, and 1.4 mi southwest of Merry Oaks.

PERIOD OF RECORD.--Water years 1989 to current year. Prior to October 1993, published as Haw River at U.S. Highway 64 near Pittsboro (station 0209699980).

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment. Samples for nutrient and chlorophyll a and b analyses were collected through a sampling zone equal to double the secchi disk depth using the depth-integration sampling technique.

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

Date	Time	COLOR (PLAT-INUM-COBALT UNITS) (00080)	SAM-PLING DEPTH (M) (00098)	TRANS-PAR-ENCY (SECCHI DISK) (M) (00078)	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)
NOV													
02...	0915	30	1.0	.40	768	9.8	99	8.8	232	16.5	35	8.68	3.15
02...	0920	--	3.5	--	768	10.0	101	8.7	252	16.1	--	--	--
02...	0925	--	4.2	--	768	10.4	102	8.2	342	14.9	--	--	--
APR													
16...	0915	40	1.0	1.10	763	7.4	85	7.5	233	22.4	42	9.92	4.14
16...	0920	--	3.0	--	763	7.1	75	7.1	173	18.5	--	--	--
16...	0925	--	5.0	--	763	3.6	37	6.8	180	16.5	--	--	--
JUN													
18...	0915	40	1.0	.60	760	7.5	94	8.7	453	26.4	40	9.44	4.08
18...	0920	--	2.0	--	760	8.5	105	8.5	450	26.3	--	--	--
18...	0925	--	3.0	--	760	9.0	112	8.1	514	26.2	--	--	--
SEP													
03...	1315	150	1.0	.40	762	8.0	92	6.9	93	22.3	23	5.57	2.24
03...	1320	--	2.0	--	762	8.1	91	6.8	93	21.1	--	--	--
03...	1325	--	4.0	--	762	8.1	91	6.8	92	20.9	--	--	--

Date	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	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)
NOV													
02...	5.04	31.2	59	72	26.7	.3	3.8	27.3	152	<.015	1.8	E.010	.009
02...	--	--	--	--	--	--	--	--	--	<.015	1.5	.054	.016
02...	--	--	--	--	--	--	--	--	--	<.015	1.2	.226	.011
APR													
16...	4.72	32.0	42	51	26.2	.2	2.2	28.2	141	.060	.85	1.01	.007
16...	--	--	--	--	--	--	--	--	--	.080	.70	.626	.007
16...	--	--	--	--	--	--	--	--	--	.278	1.0	.575	.008
JUN													
18...	8.07	64.1	59	72	47.0	.5	3.0	55.2	257	E.009	1.7	.568	.016
18...	--	--	--	--	--	--	--	--	--	E.009	1.6	.584	.016
18...	--	--	--	--	--	--	--	--	--	.135	1.8	1.07	.017
SEP													
03...	3.39	6.03	17	21	5.40	.1	7.2	11.1	76	.127	.88	.742	.010
03...	--	--	--	--	--	--	--	--	--	.127	.83	.736	.010
03...	--	--	--	--	--	--	--	--	--	.133	.86	.717	.010

Date	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70954)	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)
NOV													
02...	<.007	.14	14.7	50.7	E.9	50	<4	<.1	<.8	<2.0	1.4	150	<1
02...	<.007	.11	--	--	--	--	--	--	--	--	--	160	--
02...	.023	.15	--	--	--	--	--	--	--	--	--	270	--
APR													
16...	.089	.14	7.0	E4.8	<.1	70	<2	<.1	E.6	E1.2	6.1	500	M
16...	.030	.08	--	--	--	--	--	--	--	--	--	440	--
16...	.037	.11	--	--	--	--	--	--	--	--	--	710	--
JUN													
18...	.073	.23	11.1	E36.1	E1.1	--	--	--	--	--	--	260	--
18...	.075	.22	--	--	--	--	--	--	--	--	--	270	--
18...	.182	.33	--	--	--	--	--	--	--	--	--	700	--
SEP													
03...	.041	--	10.6	.9	<.1	--	--	--	--	--	--	1290	--
03...	.044	--	--	--	--	--	--	--	--	--	--	390	--
03...	.042	--	--	--	--	--	--	--	--	--	--	1640	--

0209719700 B. EVERETT JORDAN LAKE, HAW RIVER ARM, ABOVE B. EVERETT JORDAN DAM, NC--Continued

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

Date	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)
NOV							
02...	47.2	<.01	5	E1.9	<4	<.3	<20
02...	47.7	--	--	--	--	--	--
02...	49.0	--	--	--	--	--	--
APR							
16...	77.3	.02	4	2.4	<2	<.3	<20
16...	62.7	--	--	--	--	--	--
16...	305	--	--	--	--	--	--
JUN							
18...	101	--	--	--	--	--	--
18...	103	--	--	--	--	--	--
18...	210	--	--	--	--	--	--
SEP							
03...	208	--	--	--	--	--	--
03...	223	--	--	--	--	--	--
03...	268	--	--	--	--	--	--

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