328 NEUSE RIVER BASIN

02085000 ENO RIVER AT HILLSBOROUGH, NC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 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	1020	4.9	116	6.5	12.7	20	761	7.6	72	40	9.85	3.78	6.5
DEC 19	0945	32	85	6.5	5.8	180	747	11.3	92	26	6.11	2.58	4.2
FEB 22	0930	31	83	6.4	6.9	80	762	10.5	86	28	6.62	2.70	4.9
MAR 21	0915	1020	62	6.1	7.9	250	743	10.5	91	19	4.32	1.88	3.3
APR 12 JUN	1135	38	77	6.3	20.1	25	755	8.1	90	27	6.41	2.67	4.8
15 22	1030 1115	27 3.6	91 110	6.5 6.9	23.2 24.5	100 35	755 754	6.4 5.6	75 68	30 37	7.19 8.82	2.85 3.56	5.4 6.3
AUG 27	0915	3.2	108	7.0	23.3	12	755	5.8	69	38	9.27	3.51	6.0
DATE	SODIUM PERCENT (00932)	SODIUM AD- SORP- TION RATIO	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	BICAR- BONATE IT-FLD (MG/L AS HCO3) (99440)	ANC WATER UNFLITRD 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	25	.4	1.72	63	52	5.1	6.5	<.2	13.4	69	.001	.119	<.002
DEC 19	23	.4	3.53	37	30	5.7	6.0	<.2	10.2	71	.006	.543	.050
FEB 22	26	.4	1.59	33	27	6.6	5.6	<.2	10.4	66	.003	.336	.007
MAR 21	25	.3	2.40	18	15	6.1	4.8	<.2	7.5	68	.006	.405	.134
APR 12	27	.4	1.57	31	25	5.1	5.2	<.2	9.6	84	.002	.178	.002
JUN 15 22	27 26	.4 .5	1.64 1.84	40 41	33 33	4.4 5.2	5.3 6.5	E.1 E.1	10.7 11.8	74 62	.007	.317	.082
AUG 27	25	.4	1.82	42	34	6.3	4.8	<.2	10.5	76	.002	.157	.037
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-PHORUSORTHO, 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		.22	.33	<.060	<.007	51	<2	<.11	<1	<2	3.5	500	<1
DEC 19	.66	.71	1.3	.129	.026						= =	= =	
FEB 22	.52	.53	.87	.061	<.007								
MAR 21	.92	1.0	1.5	.207	.031	1210	<2	<.11	2	E2	9.5	2530	4
APR 12	.33	.33	.51	E.032	E.004	165	<2	.35	<1	<2	E1.5	770	<1
JUN 15 22	.56 .34	.64 .39	.96 .68	.090	.007 E.006	1050	<2	<.10	M 	E2 	4.1	2040	2
AUG 27	.33	.37	.53	E.030	<.007								

NEUSE RIVER BASIN 329

02085000 ENO RIVER AT HILLSBOROUGH, 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	70	. 14	.1 5	- 0		. 43	.21	2.5		0.0
24 DEC	72	<.14	<1.5	<2	<2.6	< .43	<31	3.5	6	.08
19								11	42	3.6
FEB									1.5	1 0
22 MAR								6.4	15	1.3
21	472	<.14	<1.5	E2	<2.6	< .43	<31	15	143	393
APR										
12	102	< .14	<1.5	<2	<2.6	< .43	<31	4.9	7	.72
JUN										
15	236		<1.5	<2	<3.0	< .40	<31	7.1	89	6.5
22 AUG								5.5	25	.25
27								5.3	4	.04
									-	